

BEVERLY I. STRASSMANN

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EDUCATION

1983 - 1990 University of Michigan, Biology, Ph.D. 1990
1981 - 1983 Cornell University, Ecology and Evolutionary Biology, M.S. 1983
1979 University of Michigan, Biology, M.S. 1979
1975 - 1978 University of Michigan, Zoology, B.S. 1978

RESEARCH INTERESTS

Director of a 30 year longitudinal study of the Dogon of Mali. This three-generational study currently focusses on: Genetic imprinting of placental genes; Human reproductive ecology (hormonal contraception, pubertal timing, menopause); Developmental origins of high blood pressure, stunting, and low birth weight in the context of urban migration; Life history trade-offs. My laboratory combines prospective, longitudinal field data on growth, development, and behavior with molecular data from genetics, epigenetics, and endocrinology.

PROFESSIONAL EXPERIENCE

University of Michigan:
2011 - present Professor, Department of Anthropology
2010 - present Faculty Associate, African Studies Center,
2003 - present Faculty Associate, Res. Center Group Dynamics, Institute for Social Research
1999 - 2011 Associate Professor (with tenure), Department of Anthropology
1993 - 1999 Assistant Professor, Department of Anthropology

University of California, San Diego:
1992 - 1993 Postdoctoral Scholar, Department of Biology

University of Michigan:
1990 - 1993 NIH Postdoctoral Fellow, Reproductive Sciences Program
1983 - 1990 Teaching/Research Assistant, Dept. of Biology, Institute for Social Research

Cornell University:
1981 - 1983 Teaching Assistant, Introductory Biology

Partridge Films:
1982 Biologist, Arctic National Wildlife Refuge, Alaska

Defenders of Wildlife:
1980 - 1981 Director, Wildlife Refuge Project, Washington, D.C.

U.S. Congress:
1979 Intern, Environmental Study Conference, Washington, D.C.

U.S. National Park Service:
1977 Environmental Specialist, Washington, D.C.

AWARDS AND FELLOWSHIPS

2000 - 2001	American Philosophical Society Sabbatical Fellowship
1998	Excellence in Research Award, College of LSA, University of Michigan
1989 - 1990	Rackham Predoctoral Fellowship, University of Michigan
1987	Donald Tinkle Museum of Zoology Scholarship, University of Michigan
1986	Museum of Zoology Walker Scholarship, University of Michigan
1984	Center for the Continuing Education of Women Scholarship

GRANTS

External Funding	(as Principal Investigator)
2016 - 2021	NIH R01 Effect of the Placental Epigenome on Stunting in a Longitudinal African Cohort. \$3,019,224
2014 - 2017	John Templeton Foundation. Imprinting in Human Placentas: The Intergenerational Transmission of Health. \$1,254,185
2014 - 2017	NIH 1 R21 HD077465-01A1 A longitudinal study of stunting and growth modulating genes in human placentas. \$426,823
2014 - 2017	NSF BCS 1354814. Social Context, Life History, and the Biology of Human Development. \$198,891
2010 - 2014	NSF BCS 1029056. Life history across two generations in the Dogon of Mali: A prospective cohort study. \$204,746
2010 - 2012	NIH 09-PAF00653. Evolution and Human Reproduction: A longitudinal study of the Dogon of Mali. \$89,959
2007	LSB Leakey Foundation, Life History, Menopause, and Grandmothering in the Dogon of Mali. \$21,340
2005	NSF BCS 0509019, Collaborative Research on the Genetic Effects of Culture: Y chromosome DNA, mtDNA, and Patrilineal Kinship in the Dogon of Mali (with Michael Hammer). \$88,000
2001	NSF REU Supplement. \$3,300
1998 - 2001	NSF SBR-9727229, "Polygyny as a Predictor of Child Mortality," funded by Physical & Cultural Anthropology and International Programs (Africa). \$167,155

- 1991 - 1993 NIH NICHD National Research Service Award (HD 07480-02), "The Reproductive Endocrinology of the Dogon." \$44,300
- 1988 American Embassy, Bamako, Grant for village "self-help" project: "A Small Dam and Dike to Improve Onion Production at Amakonyon." \$10,000
- 1988 LSB Leakey Foundation Grant. \$4,000
- 1986 NSF Doctoral Dissertation Improvement Grant (BNS-8612291). \$9,800
- 1985 LSB Leakey Foundation Grant. \$4,000
- 1985 Sigma Xi. \$500
- 1982 Sigma Xi. \$500

University of Michigan Funding

- 2014 Large Course Initiative Grant, CRLT
- 2013 Investigating Student Learning Grant, CRLT (w/ Prof. Ann Jeffers)
- 2012 Award from Elizabeth Caroline Crosby Fund & Rackham Graduate School
- 2010, 2011 Scholarly Activities Leave, Topping Off Award
- 2005 Spring/Summer Faculty Research Grant
- 2003 Dept. of Anthropology
- 2003 Faculty Assistance Fund, College of LSA
- 2002 Spring/Summer Faculty Research Grant
- 1999 Undergraduate Research Opportunities Program
- 1990 Dept. of Biology Summer Stipend
- 1986-1988, 1990 Evolution and Human Behavior Program, Research Stipend
- 1989 Dept. of Biology Block Grant, Univ. of Michigan
- 1986 Rackham Dissertation Grant, Univ. of Michigan
- 1985 Dept. of Biology Block Grant, Univ. of Michigan
- 1984 Dept. of Biology Block Grant, Univ. of Michigan
- 1983 Dept. of Biology Block Grant, Univ. of Michigan

FOREIGN LANGUAGES

Fluent in French (5+ years residence in francophone countries, 4 grad. courses in French lit.)
Fluent in Dogon (Spoken at field site in Mali, West Africa)
Other languages: German; Romansch (basic comprehension and speaking)

FIELD EXPERIENCE

1984 – present

Director of a longitudinal field study of human biology among the Dogon of Mali, West Africa. I initiated this research project in 1984 (first pilot trip) and have conducted a total of 44 months of fieldwork at my study site. In addition to my own fieldwork, I have trained 18 undergraduate and graduate students in quantitative field methods, an overseas educational experience totaling 63 student-months. Claudius Vincenz contributed 13 months of fieldwork from 2010 to 2015. The combined activity is over ten person-years of field research and training. Moreover, since 2012, I have directed a Malian team of 11 researchers who are collecting data in the villages, three hospitals, and the capital of Bamako.

1975, 1976, 1978:

Summer courses in the geological and biological sciences at two University of Michigan field schools: Camp Davis, Wyoming, and the University of Michigan Biological Station, Pellston, Michigan.

DOCUMENTARY FILMS

Stunting: The Science of Global Health. In prep (filming complete). 45 min. (My roles: Director, Cinematographer, Editor). Funded by the John Templeton Foundation (about the scientific quest to stop stunting).

The Last Wilderness: Journey to the Western Arctic Reserve. 51 min (My roles: Producer, Director, Cinematographer, Principal Editor) © 2009 (about the Iñupiat people and wildlife that depend on the wilderness of the National Petroleum Reserve in Alaska).

PUBLICATIONS (Peer Reviewed)

Strassmann, B. I. (In prep.) *Women of the Cliff*. Harvard University Press.

Dadkhah, A., Z. Jugonu Dolo, M. Clark, C. Vincenz, K. Sheddon, & B. I. **Strassmann**. Longitudinal Effects of rural to urban migration on blood pressure in Mali.

Strassmann, B. I., Smith, C., & C. Vincenz. In prep. Body size not puberty is the major cause of adolescent increases in blood pressure in boys and girls.

Smith, C., B. Gillespie, G. Kolonic, C. Vincenz, **Strassmann, B. I.** In prep. Early growth drives age at puberty in boys.

Klinger, M. R. & **B. I. Strassmann**. In prep. Effect of birth seasonality on stature: A longitudinal study of the Dogon of Mali.

Strassmann, B.I. Arslanian, K., Chima, M., Wexler, J., Friedman, A., Freeman, H. Atwood, B., Yousuf, C. Submitted 2016 (under revision). Oral contraceptives cause evolutionarily novel increases in hormone exposure: a risk factor for breast cancer. *Evol. Med. Public Health*.

- Campbell, C. & **B. I. Strassmann**. 2016. The blemishes of modern society: Acne prevalence in the Dogon of Mali. *Evol. Med. Public Health* 1:325-337.
- Strassmann, B. I. & N. Kurapati. 2016. What explains patrilineal cooperation? *Current Anthropology* 57(13): S118-S130.
- Jeffers, A. A., P. A. Beata, **B. I. Strassmann**. 2015. Qualitative assessment of the learning outcomes of an international service learning project in civil engineering. *International Journal for Service Learning in Engineering* 10:38-58.
- Jeffers, A. A., P. A. Beata, **B. I. Strassmann**. 2014. A Qualitative study to assess the learning outcomes of a civil engineering service learning project in Bolivia. *Proceedings of the American Society of Engineering Education*.
- Strassmann, B.I.** 2014. Loss of estrus. In: *Encyclopedia of Human Evolution*. Wiley-Blackwell, Hoboken, New Jersey.
- Strassmann, B. I.** 2013. Concealed ovulation in humans: Further evidence. *Foundations of Human Behavioral Evolution in the Works of R. D. Alexander*. Pages 139 – 151 In: Summers, K. and Crespi, B., eds. Oxford University Press.
- Strassmann, B. I.**, Kurapati, N. T., Hug, B. F. Burke, E. E., Gillespie, B. W. Karafet, T. M. and Hammer, M. F. 2012. Religion as a means to assure paternity. *PNAS* 109:9781-9785.
- Strassmann, B. I.** 2011. Cooperation and competition in a cliff-dwelling people. *PNAS* 108:10894-10901.
- Strassmann, B. I.** 2011. Cooperation and Competition in a cliff-dwelling people. In *the Light of Evolution: V. Cooperation and Conflict*, pp. 303-324. Strassmann, J.E., Queller, D.C., Avise, J.C. & Ayala, F.J. (eds). The National Academies Press, Washington DC. 449 pp.
- Strassmann, B. I.**, & Garrard, W. M. 2011. Alternatives to the grandmother hypothesis: A meta-analysis of the association between grandparental survival and grandchild survival in patrilineal populations. *Human Nature* 22:201-222.
- Abott, P. et al. (many co-authors). 2011. Inclusive fitness theory and eusociality. *Nature* 471. E1–E4 (24 March 2011), published online.
- Strassmann, B. I.** and N. Kurapati. 2010. Are humans cooperative breeders? Most studies of natural fertility populations do not support the grandmother hypothesis. *Commentary. Behavioral and Brain Sciences*. 33:35-39.
- Cox, M. P., Mendez, F. L., Karafet, T. M., Pilkington, M. M., Kingan, S. B., Destro-Bisol, G., **Strassmann, B. I.**, Hammer, M. F. 2008. Testing for archaic Hominin admixture on the X chromosome: Model likelihoods for the modern human RRM2P4 region from summaries of genealogical topology under the structured coalescent. *Genetics* 178: 427-437.

- Strassmann, B. I.** and R. Mace. 2008. Perspectives on human health and disease from evolutionary and behavioral ecology. In: *Evolution in Health and Disease*, 2nd Ed., pp. 109-121. S. Stearns, ed. Oxford: Oxford University Press.
- Pilkington, M. M., Wilder, J. A., Mendez, F. L., Cox, M. P., Woerner, A., Angui, T., Kingan, S., Mobasher, Z., Batini, C., Destro-Bisol, G., Soodyall, H., **Strassmann, B. I.**, Hammer, M. F. 2007. Contrasting signatures of population growth for mitochondrial DNA and Y chromosomes among human populations in Africa. *Mol. Biol. Evol.* 25(3):517-525.
- Garrigan, D., Mobasher, Z., Kingan, S. B. Pilkingham, M. M., Wilder, J. A., Cox, M. P., Soodyall, H., **Strassmann, B.I.**, Destro Bisol, G., de Knijff, P., Novelletto, A., Friedlaender, J., Hammer, M. F. 2007. Inferring human population sizes, divergence times and rates of gene flow from mitochondrial, X and Y chromosome resequencing data. *Genetics* 177: 2195-2207.
- Nepomnaschy, P. A., McConnell, D. S., Welch, K. B., Low, B.S., **Strassmann, B. I.**, England, B. G.. Cortisol levels and very early pregnancy loss in humans. 2006. *PNAS* 103:3938-3942.
- Wood, T., Stover, D. A., Ehret, C., Destro-Bisol, G., Spedini, G., McLeod, H., Louie, L., Bamshad, M., **Strassmann, B. I.**, Soodyall, H., M. F. Hammer. 2005. Contrasting patterns of Y chromosome and mtDNA variation in Africa: evidence for sex-biased demographic processes. *European. J. Human Genetics* 13:867-876.
- Nepomnaschy, P., Welch, K.B., McConnell, D., **Strassmann, B.I.**, and B. England. 2004. Stress and female reproductive function: daily variations in cortisol, gonadotrophins, and gonadal steroids in a rural Mayan population. *Am. J. Human Biol.* 16:533-543.
- Plate, D., **B. I. Strassmann**, M. Wilson. 2004. Water sources are associated with childhood diarrhoea prevalence in rural east-central, Mali. *Tropical Medicine and International Health* 9:416-425.
- Strassmann, B. I.** and B. Gillespie. 2003. How to measure reproductive success? *American Journal of Human Biology* 15:1-9.
- Strassmann, B. I.** 2003. Social Monogamy in a Human Society: Marriage and Reproductive Success among the Dogon. In: *Monogamy: Mating Strategies and Partnerships in Birds, Mammals, and Humans*, pp. 177-189. Ulrich Reichard and C. Boesch, eds. Cambridge University Press, Cambridge.
- Eaton, S. B., **Strassmann, B. I.**, Nesse, R. M., Neel, J. V., Ewald, P. W., Williams, G. C., Weder, A. B., Eaton, S. B. III, Lindeberg, S., Konner, M. J., Mysterud, I., Cordain, L. 2002. Evolutionary health promotion. *Preventive Medicine* 34:109-118.
- Strassmann, B. I.** and B. Gillespie. 2002. Life history theory, female fertility, and reproductive success in humans. *Proc. Royal Soc. Lond., Series B (Biological Sciences)* 269:553-562.
- Strassmann, B. I.** 2002. Human reproductive physiology. In: *Encyclopedia of Evolution*, pp. 1999-2001, M. Pagel (ed.). New York: Oxford University Press.
- Strassmann, B. I.** 2000. Polygyny, family structure, and child mortality: a prospective study among the Dogon of Mali. In: *Adaptation and Human Behavior: An*

- Anthropological Perspective*, pp. 49-67. L. Cronk, N. Chagnon, and W. Irons, eds. New York: Aldine de Gruyter.
- Baird, D. D. and **Strassmann, B. I.** 2000. Women's fecundability and factors affecting it. In *Women and Health*, pp. 126-137. M. B. Goldman and M. C. Hatch, eds. Academic Press, New York.
- Strassmann, B. I.** 1999. Menstrual cycling and breast cancer: an evolutionary perspective. *Journal of Women's Health* 8:193-202.
- Strassmann, B. I.** 1999. Menstrual Synchrony: cause for doubt. *Human Reproduction* 14:579-580.
- Strassmann, B. I.** and R. Dunbar. 1999. Human evolution and disease: putting the Stone Age in perspective. In: *Evolution in Health and Disease*, pp. 91-101. S. Stearns, ed. Oxford: Oxford University Press.
- Gosden, R., R. Dunbar, D. Haig, E. Heyer, R. Mace, M. Milinski, G. Pichon, H. Richner, **B. Strassmann**, D. Thaler, C. Wedekind, and S. Stearns. 1999. Evolutionary interpretations of the diversity of reproductive health and disease. In: *Evolution in Health and Disease*, S. Stearns, ed. Oxford: Oxford University Press.
- Strassmann, B. I.** 1999. Comment on: Loss of Oestrus and concealed ovulation in human evolution, by B. Powlowski. *Current Anthropology* 40:268.
- Strassmann, B. I.** 1999. Is menstruation a defense against pathogens? Reprinted from *Evolutionary Anthropology*. *Helix* 1:26-27.
- Strassmann, B. I.** and A. Clarke. 1998. Ecological constraints on marriage in rural Ireland. *Evolution and Human Behavior* 19:33-55.
- Strassmann, B. I.** and J. Warner. 1998. Predictors of fecundability and conception waits among the Dogon of Mali. *American Journal of Physical Anthropology* 105:167-184.
- Strassmann, B. I.** 1997. Polygyny as a risk factor for child mortality among the Dogon. *Current Anthropology* 38:688-695.
- Strassmann, B. I.** 1997. The biology of menstruation in Homo sapiens: total lifetime menses, fecundity, and nonsynchrony in a natural fertility population. *Current Anthropology* 38:123-129.
- Strassmann, B. I.** 1997. Comment on *Primate consortships: a critical review*, by Joseph Manson. *Current Anthropology* 38:365-66.
- Strassmann, B. I.** 1996. Energy economy in the evolution of menstruation. *Evolutionary Anthropology* 5:157-164.
- Strassmann, B. I.** 1996. Menstrual hut visits by Dogon women: a hormonal test distinguishes deceit from honest signaling. *Behavioral Ecology* 7:304-315.
- Strassmann, B. I.** 1996. The evolution of endometrial cycles and menstruation. *Quarterly Review of Biology* 71:181-220.
- Strassmann, B. I.** 1992. The function of menstrual taboos among the Dogon: defense against cuckoldry? *Human Nature* 3:89-131.

- Strassmann, B.I.** 1986. Effects of cattle grazing and haying on wildlife conservation at National Wildlife Refuges in the United States. *Environmental Management* 11(1):35-44.
- Strassmann, B.I.** 1986. Rangelands. In: C.A.S. Hall, C.J. Cleveland, R. Kaufmann, (eds.). *Energy and Resource Quality: The Ecology of the Economic Process*. New York: Wiley and Sons, pp. 497-514.
- Strassmann, B.I.** 1981. Sexual selection, paternal care, and concealed ovulation in humans. *Ethology and Sociobiology* 2:31-40.

BOOK REVIEWS

- Strassmann, B. I. 2002. Book Review: *On Fertile Ground*, by Peter Ellison. *Quarterly Review of Biology*.
- Strassmann, B. I. 1997. Book Review: *Physical Attractiveness and the Theory of Sexual Selection: Results from Five Populations*, by Doug Jones. *Quarterly Review of Biology* 72:501.
- Strassmann, B. I. 1993. Book Review: *Ethnobiological Classification: Principles of categorization of plants and animals*. *Quarterly Review of Biology* 68:250.

SELECTED ABSTRACTS

- Strassmann, B. I., C. Smith, and C. Vincenz. 2016. Does puberty influence systolic blood pressure independent of the effects of adolescent growth and body size? *Am. J. Physical Anthropol. Supp.* 62. 159: 305-305.
- Strassmann, B. I., C. Smith, & C. Vincenz. 2014. Developmental predictors of testosterone in adolescent Dogon boys. *Am. J. Physical Anthropol. Supp.* 58, 153:247-248,
- Strassmann, B. I. 2011. Evolution and health from infancy to adolescence in the Dogon of Mali. *Am. J. Physical Anthropol. Supp.* 52. 144: 286-287.
- Strassmann, B. I. 2011. Cooperation and conflict in human families. Sackler Colloquia of the National Academy of Sciences: *In the Light of Evolution V: Cooperation*. January 7-8, 2011. Beckman Center, Irvine, CA.
- Strassmann, B. I. and M. F. Hammer. 2009. Genetics of kinship. American Anthropological Association 108th Annual Meeting, December 2-6, 2009 Philadelphia, PA.
- Strassmann, B. I., B. F. Hug, K. B. Welch. 2006. A new twist on the grandmother hypothesis: adverse impact of paternal grandmothers on Dogon grandsons. *Am. J. Human Biol. Suppl.* 41:275-276.
- DeSilva, J. M. and Strassmann, B. I. Relationship between neonatal brain and body mass and menstrual bleeding in primates. *Am. J. Physical Anthropol. Supp.* 42:83.
- Strassmann, B. I. , R. P. Herrold IV, B. F. Hug. 2005. In Dogon families, who helps and who harms the nutritional status of children? *Am. J. Physical Anthropol. Suppl.* 40:200.

- Strassmann, B. I. And K. Welch. 2003. Sibling competition and survival. *Am. J. Human Biology* 15:287
- Nepomnaschy, P. A. McConnell, D. Welch, K., Strassmann, B. I., B. G. England. 2003. Adrenal and reproductive hormone changes in parous Mayan women in rural Guatemala. *Am. J. Human Biology* 15:276.
- Wood, E. T., Pilkington, M.M., Mobasher, Z. Bingham, A. Strassmann, B. I., M.F. Hammer. 2003. Malarial selection and the Dogon: Patterns of DNA sequence variation at the Beta-globin locus. *Am. J. Physical Anthropol. Suppl.* 36, p. 227.
- Pilkington, M. M., J. A. Wilder, Z. Mobasher, B. I. Strassmann, J. Friedlaender, M. F. Hammer. 2003. Sampling bias and the cytochrome oxidase III locus of mitochondrial DNA. *Am. J. Physical Anthropol. Suppl.* 36, p. 168.
- Strassmann, B. I. and B. Gillespie. 2002. Adaptive fertility behavior in an agricultural population. *Am. J. Phys. Anthropol. Suppl.* 34:150 (abstract).
- Strassmann, B. I. and J. Warner. 1998. Fecundability and husband's age. *Am. J. Phys. Anthropol. Suppl.* 26:212-213 (abstract).
- Strassmann, B. I. and K. Hunley. 1997. A prospective study of polygyny and child mortality among the Dogon of Mali. *Am. J. Phys. Anthropol. Suppl.* 24:222 (abstract).
- Strassmann, B. I. 1995. The evolution of menstruation. *Am. J. Phys. Anthropol. Suppl.* 20:206-207 (abstract).
- Strassmann, B. I. 1991. A hazards analysis of female fecundability among the Dogon of Mali. *Am. J. Phys. Anthropol. Suppl.* 12 (abstract).

SELECTED MEDIA COVERAGE OF RESEARCH

- NPR. Some cultures treat menstruation with respect. August 11, 2015.
<http://www.npr.org/sections/goatsandsoda/2015/08/11/431605131/attention-trump-some-cultures-treat-menstruation-with-respect>
- University of Michigan News Service, June 5, 2012. Religious patriarchy promotes confidence about paternity.
<http://ns.umich.edu/new/releases/20423-religious-patriarchy-promotes-confidence-about-paternity>
- PhysOrg*, June 4, 2012. How religion promotes confidence about paternity.
<http://phys.org/news/2012-06-religion-confidence-paternity.html>
- NewScientist*, June 10, 2012. Menstrual huts protect Dogon men from cuckoldry.
- Cosmos*, June 5, 2012. The biological basis of religious chastity.

- University of Michigan News Service, March 14, 2012. U-M project seeks to relieve hunger in West Africa. <http://www.sampler.isr.umich.edu/2012/news/u-m-project-seeks-to-relieve-hunger-in-west-africa/>
- Michigan Today, September 8, 2012. Actually, it doesn't take a village. <http://michigantoday.umich.edu/story.php?id=8065>
- What the Dog Saw*, October 20, 2009. Reprints Malcolm Gladwell's New Yorker article "John Rocks' Error (March 2000) that discusses my research on the biology of menstruation in the absence of contraception and the relevance for breast cancer.
- Moon Inside You*. 2008. Documentary Film.
- ABC NEWS.com Gender Bender: Redefining the curse of menstruation. May 22, 2007
- United Press International*, February 20, 2006. Stressed women prone to early miscarriages.
- New Scientist*, February 25, 2006. Stress linked to early miscarriage.
- Medpage Today*, February 22, 2006. Mother's stress could contribute to early miscarriage.
- Elle Canada*, September 2003. Rest Period: When it comes to a woman's menstrual cycle, who decides what's natural?
- Scheizer Familie*, July 8, 2003. Der Streit um die Regel.
- Der Spiegel*, March 18, 2002. Das Ende der Tage.
- New Scientist*, March 23, 2002. Thoroughly Modern: The Lifestyle in Southern Mali Shows Evolution is Still at Work.
- Ann Arbor Observer*, September 2001. Taming a Tidal Wave of Hormones: Two UM Researchers are Casting Women's Reproduction in a Whole New Light.
- Discovery Health Channel*, June 1, 2001: Your Periods, Your Choice.
- Quirks and Quarks*, June 6, 2001. Canadian Public Radio.
- The Detroit News*, March 20, 2001. The Pill Might Hold the Key to Beating Cancer.
- Homemaker's (HM)*. October 2000. Menstruation: Can 400 Periods be Normal?
- The Sunday Telegraph Magazine*, June 11, 2000. Doing What Comes Naturally.
- The New Yorker*, March 13, 2000. John Rock's Error. http://www.gladwell.com/2000/2000_03_10_a_rock.htm
- Science*, April 2, 1999. The Benefits of Selective Thinking.
- The Sciences*, January/February 1999. A Woman's Curse?
- Die Zeit*, June 20, 1997. Vom Sinn Der Regel: Die Menstruation Spart Energie—Behaupten Evolutionsbiologen.

The Toronto Star, May 25, 1997. What Any Good Theory Should Do.

Science News, April 12, 1997. Why do Women Menstruate? Scientists Seek a Reason for this Feminine Phenomenon.

The Scientist, January 6, 1997. Energy Saving: Michigan's Beverly Strassmann has developed an alternative theory of why women menstruate.

The Detroit News, November 17, 1996. New Theory for Menstruation.

PAPERS PRESENTED

- Vincenz, C., J. Lovett, and B. I. Strassmann. Genome-wide assessment of loss of imprinting in human placentas. Invited talk. *Genomic Imprinting, Epigenetics and Physiological Functions Workshop*. Erice, Sicily, Italy. October 2-7, 2016.
- Strassmann, B. I., A. Dadkhah, Z. Dolo, & C. Vincenz. A longitudinal study of the effects of stress and urbanization on blood pressure in Africa. *International Society for Evolution, Medicine, & Public Health*. Durham, North Carolina. June 23-25, 2016.
- Strassmann, B. I., C. S. Smith, and C. Vincenz. Does puberty influence systolic blood pressure independent of the effects of growth and body size? *American Association of Physical Anthropologists*, 85th Annual Meeting, Atlanta, GA, April 12-16, 2016.
- Strassmann, B. I. 2015. Religious control of sexuality increases paternity certainty. Plenary talk. *European Evolution and Human Behavior Association*. Helsinki, Finland. March 30, 2015.
- Jeffers, A. E., P. A. Beata, & B. I. Strassmann. 2014. A qualitative study to assess the learning outcomes of a civil engineering service learning project in Bolivia. 121st *American Society Engineering Education Annual Conference & Exposition*, Indianapolis, IN, June 15-18, 2014.
- Jeffers, A. E., P. A. Beata, & B. I. Strassmann. 2014. Learning outcomes of an international service learning project in civil engineering. Eighth Annual Research and Scholarship in Engineering Education Poster Fair, University of Michigan, Ann Arbor, MI, March 2014.
- Strassmann, B. I., C. S. Smith, & C. Vincenz. 2014. Developmental predictors of testosterone levels in adolescent boys. *American Association of Physical Anthropologists*, 83rd Annual Meeting, Calgary, CA, April 11, 2014.
- Strassmann, B. I., C. S. Smith, & C. Vincenz. 2013. Developmental predictors of testosterone levels in adolescent boys (poster). *Biology of Spermatozoa*. University of Sheffield, United Kingdom, September 11, 2013.
- Strassmann, B. I. 2013. Religion as a means to assure paternity. *International Society for the Study of Human Ethology* (Summer Workshop). Plenary talk. August 8, 2013.
- Strassmann, B. I. 2013. Early Psychosocial stress does not accelerate menarche in the Dogon of Mali. *Human Behavior and Evolution Society*, July 2013.

- Strassmann, B. I. and W. Garrard. 2011. Alternatives to the grandmother hypothesis: A meta-analysis of the association between grandparental survival and grandchild survival in patrilineal populations. *Human Behavior and Evolution Society*, June 30, 2011.
- Strassmann, B. I. 2011. The biology of menstruation in the absence of contraception: Implications for breast cancer. *First Biannual International Evolution and Cancer Conference*. University of California, San Francisco, June 5, 2011.
- Strassmann, B. I. 2011. Evolution and health from infancy to adolescence in the Dogon of Mali. *American Association of Physical Anthropologists*, 80th Annual Meeting, April 14, 2011. Minneapolis, MN.
- Strassmann, B. I. 2011. Cooperation and conflict in human families. Sackler Colloquia of the National Academy of Sciences: In the Light of Evolution V: Cooperation. January 7-8, 2011. Beckman Center, Irvine, CA.
- Strassmann, B. I. and M. F. Hammer. 2009. Genetics of kinship. American Anthropological Association 108th Annual Meeting, December 2-6, 2009 Philadelphia, PA.
- Strassmann, B. I. Evolutionary Anthropology of the Dogon of Mali. Plenary talk at the International Society for the Scientific Study of Population, Bristol, United Kingdom, July 2008.
- Strassmann, B. I. and K. Welch. Testing the mother versus the grandmother hypothesis in the Dogon. *Human Behavior and Evolution Society*, Williamsburg, VA, June 2, 2007.
- Strassmann, B. I. , B. F. Hug, K Welch. 2006. A new twist on the grandmother hypothesis: adverse impact of paternal grandmothers on Dogon grandsons. Annual Meetings of the Human Biology Association, Anchorage, AK, March 9, 2006.
- DeSilva, J. and B. I. Strassmann. 2006. Relationship between neonatal brain and body mass and menstrual bleeding in primates. Annual meetings of the American Association of Physical Anthropologists, Anchorage, AK, March 9, 2006.
- Strassmann, B. I., R. Herrold IV, B. F. Hug. 2005. In Dogon families, who helps and who harms the nutritional status of children? Annual Meetings of the American Association of Physical Anthropologists, Milwaukee, WI, April 8, 2005.
- Wood, T., Stover, D. A., Ehret, C., Destro-Bisol, G., Spedini, G., McLeod, H., Louie, L., Bamshad, M., Strassmann, B. I., Soodyall, H., M. F. Hammer. 2004. Differential impact of the Bantu expansions on Y chromosome and mtDNA variation in sub-Saharan Africa. Annual meeting of the American Association of Physical Anthropologists, April 2004.
- Strassmann, B. I., Hug, B. F., and K. B. Welch. 2003. Inclusive fitness theory predicts child survival among the Dogon. Annual Meeting of the American Anthropological Association. Chicago, Illinois.
- Nepomnaschy, P. A., Strassmann, B. I., and B. England. 2003. Stress and female reproductive function in a rural Mayan community. Annual Meeting of the American Anthropological Association. Chicago, Illinois.

- Nepomnaschy, P.A., McConnell, D., Welch, K., Strassmann, B. I., and B. England. 2003. Daily stress and female reproductive function in a Mayan population. Society for the Study of Human Development. Cambridge, Massachusetts.
- Strassmann, B. I., Hug, B. F., and K. B. Welch. 2003. Kin selection and the Dogon: Predicting survival outcomes for > 1000 children. Human Behavior and Evolution Society. Lincoln, Nebraska. June 5, 2003.
- Nepomnaschy, P. A. McConnell, D. Welch, K., Strassmann, B. I., B. G. England. Adrenal and reproductive hormone changes in parous Mayan women in rural Guatemala (poster). Human Biology Association Annual Meeting. Tempe, Arizona. April 27, 2003.
- Strassmann, B. I. and K. Welch. Sibling competition and survival (poster). Human Biology Association Annual Meeting. Tempe, Arizona. April 25, 2003.
- Pilkington, M. M., J. A. Wilder, Z. Mobasher, B. I. Strassmann, J. Friedlaender, M. F. Hammer. Sampling bias and the cytochrome oxidase III locus of mitochondrial DNA. Annual meeting of the American Association of Physical Anthropologists, April 24, 2003.
- Wood, E. T., Pilkington, M.M., Mobasher, Z. Bingham, A. Strassmann, B. I., M.F. Hammer. 2003. Malarial selection and the Dogon: Patterns of DNA sequence variation at the Beta-globin locus. Annual meeting of the American Association of Physical Anthropologists, April 24, 2003.
- Strassmann, B. I. Human biology of the Dogon: 1986 - 2002. Symposium in honor of Richard D. Alexander. Ann Arbor, Michigan. June 7, 2002.
- Strassmann, B. I. and Brenda Gillespie. Adaptive fertility behavior in an agricultural population. American Association of Physical Anthropologists. Buffalo, New York. April 11, 2002.
- Strassmann, B. I. and Brenda Gillespie. Measuring Reproductive Success: New solutions to hidden problems. Plenary talk, Human Biology Association Annual Meeting. Buffalo, New York. April, 13, 2002.
- Strassmann, B. I. Menstrual Cycling and Breast Cancer. Annual Michigan Phi Kappa Phi lecture. April 26, 2001.
- Strassmann, B. I. The Evolutionary Biology of Menstruation: Implications for Gynecology. Wayne State University/Detroit Medical Center, Ob/Gyn Grand Rounds, September 12, 2000.
- Strassmann, B. I. 2000. Polygyny and female fitness in humans. International Society for Behavioral Ecology Annual Meeting. Zurich, Switzerland, August 2000.
- Strassmann, B. I. 2000. Does Dogon fertility maximize female fitness? Evolution and Human Behavior Annual Meeting. Amherst, Massachusetts, June 2000.
- Strassmann, B. I. and John Warner. Fecundability and husband's age. American Association of Physical Anthropologists, Salt Lake City, Utah, March 31-April 4, 1998.
- Strassmann, B. I. Plenary talk: Menstruation as an adaptation in humans and other Old World primates. International Conference on Comparative Physiology and Biochemistry. Kruger National Park, South Africa, August 31 – September 5, 1997.

- Strassmann, B. I. and R. Dunbar. On Stone Age legacies and modern medicine. Conference on Evolution in Health and Disease. Sion, Switzerland, April 6-12, 1997.
- Strassmann, B. I. and K. Hunley. Poster: A prospective study of polygyny and child mortality among the Dogon of Mali. American Association of Physical Anthropologists. St. Louis, Missouri, April 1-5, 1997.
- Strassmann, B. I. Polygyny, sorcery, and child mortality among the Dogon of Mali. American Anthropological Association: Session on Evolution and Human Social Behavior. San Francisco, California, November 20-24, 1996.
- Strassmann, B. I. and K. Hunley. High child mortality in polygynous Dogon families: cowife competition or resource dilution? Human Behavior and Evolution Society, Evanston, Illinois, June 26-30, 1996.
- Strassmann, B. I. The functional significance of menstruation. International Academy of Sex Research, Provincetown, MA, September 20-24, 1995.
- Strassmann, B. I. The evolution of menstruation. American Association of Physical Anthropologists, Oakland, CA, March 28-April 1, 1995.
- Strassmann, B. I. Menstruation and the comparative method. Human Behavior and Evolution Society, Santa Barbara, CA, June 28-July 2, 1995.
- Strassmann, B. I. The evolution of menstruation. Human Behavior and Evolution Society, Ann Arbor, Michigan, June 15-July 19, 1994.
- Strassmann, B. I. The function of menstrual taboos among the Dogon. American Anthropological Association, San Francisco, December 2-6, 1992.
- Strassmann, B. I. and A. Rees Midgley. The reproductive endocrinology of the Dogon of Mali. Human Behavior and Evolution Society, Albuquerque, New Mexico, July 22-26, 1992.
- Strassmann, B. I. A hazards analysis of female fecundability among the Dogon of Mali. American Association of Physical Anthropologists, Milwaukee, April 2-6, 1991.
- Strassmann, B. I. The covariates of female fecundability among the Dogon of Mali. Human Behavior and Evolution Society, UCLA, Los Angeles, August 19-21, 1990.
- Strassmann, B. I. Menstrual huts and menstrual synchrony among the Dogon. Human Behavior and Evolution Society, Northwestern University, August 25-27, 1989.

INVITED COLLOQUIA

- Strassmann, B. I. The evolutionary ecology of adolescence. Evolution and Human Adaptation Program. University of Michigan. November 7, 2016.
- Strassmann, B. I. Guest Lecture on *Evolution and reproduction* for Evolutionary Epidemiology and Public Health (EPID 788) taught by Prof. Betsy Foxman. November 2, 2015.
- Strassmann, B. I. What explains patrilineal cooperation? (In press, *Current Anthropology*)
Invited paper for Wenner Gren Foundation Symposium #150: "Integrating

- Anthropology: Niche Construction, Cultural Institutions, and History,” organized by Agustin Fuentes and Polly Wiessner. Sintra, Portugal. October 17-23, 2014.
- Strassmann, B. I. Reproductive biology and developmental origins of hypertension in a rural African population: The Dogon of Mali. Department of Molecular and Integrative Physiology, University of Michigan Medical School. April 3, 2013.
- Strassmann, B. I. Is ovulation in humans concealed? Plenary talk at the Evolution of Sexuality Conference. Oakland University, Michigan. March 28, 2013.
- Strassmann, B. I. A critical analysis of theory on “grandmothering” and “cooperative breeding” in humans. University of Indiana. April 18, 2012.
- Strassmann, B. I. Religion as a means to assure genetic paternity in the Dogon of Mali. University of Indiana. April 18, 2012.
- Strassmann, B. I. Guest Lecture on *Breast Cancer and reproductive cycling in modern environments*. Evolutionary Epidemiology and Public Health (EPID 788) taught by R. Nesse and B. Foxman. November 27, 2012.
- Strassmann, B. I. Constraints on postcopulatory sexual selection in humans. Biology of Spermatozoa. University of Sheffield, United Kingdom, September 9, 2011.
- Strassmann, B. I. Guest Lecture on *Diseases related to reproduction* for Evolutionary Epidemiology and Public Health (EPID 788) taught by R. Nesse. July 13, 2010.
- Strassmann, B. I. Sex, Religion, and the Genetics of Culture. Series on: Evolution, Culture and the Brain. Research Center for Group Dynamics, Institute for Social Research, University of Michigan. April 5, 2010.
- Strassmann, B. I. Guest lecture for the course: Evolution, Behavior, and Public Health (Psychology 515/ Epidemiology 509) taught by Prof. Betsy Foxman and Prof. Randolph Nesse. March 25, 2010.
- Strassmann, B. I. Sexpertise Panelist. Monogamy: Possibility or myth? Undergraduate Initiated Program on Human Sexuality. January 29, 2010.
- Strassmann, B. I. Evolutionary Biology of Menstruation. Department of Biology. Kalamzoo College, Michigan. January 26, 2009.
- Strassmann, B. I. Evolutionary ethnography of the Dogon. Undergraduate Anthropology Club, University of Michigan. September 2008.
- Strassmann, B. I. Does evolutionary theory explain Dogon culture? Colloquium speaker for Culture and Cognition, University of Michigan, March 31, 2006 (seminar series associated with the Winter 2006, Evolution Theme Semester).
- Strassmann, B. I. Genetic signature of sexual selection: preliminary ideas. Genomic and Technology Core, University of Arizona. May 2, 2005.
- Strassmann, B. I. Evolution and Human Reproductive Biology. Guest lecture for Life Sciences Institute course: Evolutionary Biology and Human Disease (UC 262, EEB 262, Psych 232). University of Michigan. March 30, 2005.

- Strassmann, B. I. A bio-cultural approach to kinship among the Dogon of Mali. Colloquium speaker at the Department of Anthropology, University of Utah. March 24, 2005.
- Strassmann, B. I. Effects of polygyny and grand mothering on child nutrition among the Dogon of Mali. Research Center for Group Dynamics, Institute for Social Research. University of Michigan. October 26, 2004.
- Strassmann, B. I. Evolutionary biology of menstruation. Department of Biology. Kalamazoo College. June 2, 2004.
- Strassmann, B. I. Evolution and Human Reproductive Biology. Guest lecture for Life Sciences Institute course on evolutionary medicine. March 25, 2004.
- Strassmann, B. I. Presentation on Life History theory for the Life Program. (Joint Initiative: University of Michigan and Max Planck Institute, Berlin.) April 1, 2004.
- Strassmann, B. I. Surviving early childhood: An evolutionary approach to child health in Africa. Life Program: Evolution Panel. (Joint Initiative: University of Michigan and Max Planck Institute, Berlin.) May 6, 2003.
- Strassmann, B. I. Evolutionary biology of menstruation. Dept. of Anthropology, University of Toronto, Canada, January 14, 2003.
- Strassmann, B. I. Evolutionary and social aspects of menstruation. TAP Pharmaceutical Company, a subsidiary of Abbott Laboratories. Lakewood, Illinois. November 1, 2002.
- Strassmann, B. I. Life history theory, fertility, and reproductive success in humans. Center for Studies in Demography and Ecology (CSDE), University of Washington, Seattle, February 1, 2002.
- Strassmann, B. I. Polygyny, Monogamy, and Reproductive Success Among the Dogon of Mali. Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany, August 14-18, 2001.
- Strassmann, B. I. Menstruation and evolution: A West African field study. Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany, October 29 – 31, 1998.
- Strassmann, B. I. Polygyny as a risk factor for child mortality among the Dogon of Mali. Institute for Social Research, University of Michigan, March 24, 1998.
- Strassmann, B. I. Polygyny as a risk factor for child mortality among the Dogon of Mali. Museum of Zoology, University of Michigan, March 19, 1998.
- Strassmann, B. I. The evolutionary biology of menstruation: implications for women's health. Michigan Initiative for Women's Health. Conference on Methods and Measures: Emerging Strategies in Women's Health, University of Michigan, July 16, 1997.
- Strassmann, B. I. Total lifetime menses in the absence of contraception: medical implications. Invited paper for: Evolution and Human Adaptation Program Mini-Symposium, Institute for Social Research, University of Michigan, December 16, 1996.
- Strassmann, B. I. Evolution of endometrial cycling and menstruation. Biopsychology Colloquium, University of Michigan, February 27, 1996.

- Strassmann, B. I. Hormones and behavior among the Dogon of Mali. Evolution and Human Behavior Program, University of Michigan, October 7, 1993.
- Strassmann, B. I. Hazards analysis of the waiting time to conception among Dogon women. Department of Biology, University of California, San Diego, April, 1993.
- Strassmann, B. I. Do women synchronize their menstrual cycles? Reproductive Sciences Program, University of Michigan, October 29, 1991.
- Strassmann, B. I. The reproductive ecology of the Dogon of Mali. Reproductive Sciences Program, University of Michigan, October 3, 1990.
- Strassmann, B. I. The reproductive ecology of the Dogon. Simian Seminar Series, Dept. of Anthropology, Harvard University, December 8, 1989.
- Strassmann, B. I. Female fecundability and menstrual cycling in a natural fertility population. Evolution and Human Behavior Program, University of Michigan, October 19, 1989.

PROFESSIONAL SERVICE

- NIH Study Section. National Library of Medicine (G13 Review). July 8, 2016.
- NIH Study Section. National Library of Medicine (G13 Review). June 26, 2015.
- Editorial Board, Journal of Evolutionary Medicine (2012 to present)
- Judge for the Postdoctoral competition, Human Behavior & Evolution Society Meetings (June 2011)
- Program Committee, Evolutionary Anthropology Society, American Anthropological Association (2011)
- Consultant for the National Geographic Society television series on taboos (2009)
- Consultant and interviewee for Ubak Producciones. *The Moon Inside You*: Documentary on menstruation and women's health (2008)
- Consultant for Japanese television (NHK): Origins of Disease (2007)
- Participated in faculty call-out to recruit minority students (2007, 2008, 2009, 2010, 2011)
- Judged the New Investigator Competition for the Human Behavior and Evolution Society (2007)
- Consulting Editor: Evolution and Human Behavior (1997 - 2006)
- Panelist for the National Science Foundation Graduate Research Fellowship: Anthropology, Archeology, and Linguistics Panel. Arlington, Virginia, February 8-10, 2004.
- Chair of the Program Committee for the 2003 annual meeting of the Human Behavior and Evolution Society (Omaha, Nebraska, June 4 – 8, 2003).
- Symposia Organized/Chaired:
- Evolution, Culture, and the Brain. Colloquium co-organized together with Drs. Randolph Nesse, Caroline Yoon, and Shinobu Kitayama at the Research Center for Group Dynamics, Institute for Social Research, University of Michigan (1/10 to 4/10).
 - Life History Theory. Human Behavior and Evolution Society (6/00).
 - Human Biological Variation II: Demography and Reproduction. Posters. American Association of Physical Anthropologists (4/2/98).
 - Menstruation, Menstrual Synchrony, and the Life Histories of Females. International Academy of Sex Research, with Sarah Hrdy (9/20/95)
 - Reproductive Physiology. Human Behavior and Evolution Society (6/18/94)
- Discussant/Panelist:
- Is Boas Dead?, Michigan Graduate Association, Annual Graduate Student Conference, March 12, 2011.
 - Sexpertise, a panel on Monogamy organized by Univ. of Michigan undergraduates interested in human sexuality, January 29, 2010
 - Decision Consortium Seminar, Univ. of Michigan, talk by Ilia Dichev: "Lunar effects on

stock returns," October 25, 2004

Evolution and Human Adaptation Program, Univ. of Michigan, talk by Melvin Konner:

"!Kung Psychosocial health," October 2, 2001

Journals Reviewed:

American Journal of Human Biology
American Anthropologist
American Naturalist
Animal Behavior
Behavioral and Brain Sciences
Behavioral Ecology
Biology Letters
Current Anthropology
Environmental Management
European Journal of Obstetrics and Gynecology and Reproductive Biology
Evolution and Human Behavior
Evolutionary Anthropology
Evolution, Medicine, and Public Health
Feminist Economics
Food Policy
Human Nature
International Journal of Primatology
Journal of Family Issues
Journal of Marriage and Family
Journal of Evolutionary Biology
Journal of Evolutionary Medicine
Perspectives in Biology and Medicine
Plos One
Population and Environment
Proceedings of the National Academy of Sciences
Proceedings of the Royal Society of London, Series B
Psychoneuroendocrinology
Public Health Nutrition
Social Forces
Quarterly Review of Biology
Women and Health

Grants Reviewed:

National Science Foundation, Cultural and Physical Anthropology Programs
Wenner Gren Foundation
National Geographic Society
LSB Leakey Foundation
The Wellcome Trust

Book manuscripts/proposals reviewed:

Oxford University Press
Harvard University Press

UNIVERSITY SERVICE

Faculty “Call–Out” to recruit undergraduates from disadvantaged backgrounds (2009, 2010, 2011, 2012, 2013, 2014, 2016)

Evolution and Human Adaptation Program Steering Committee (1996 - 2013)

Institute for Social Research: Research Center for Group Dynamics Coordinating Committee (2004 to present)

Department of Anthropology, Anthropol. Genetics Search Comm., Co-Chair (2005-2006)

Robert Wood Johnson Foundation Health and Society Scholars Program, Faculty Mentor (2005-present)

Honors Faculty Fellow (2008 – 2009)

International Institute Individual Fellowship Review Committee (2005, 2016)

Fulbright Campus Review Committee (2004, 2014, 2015, 2016)

Department of Anthropology, Curriculum Committee (2004)

Michigan Initiative for Women’s Health, Institute for Research on Women and Gender, Executive Committee (1998)

Department of Anthropology, Executive Committee (1998)

Biological Anthropology Search Committee (1995 - 1996)

COMMUNITY SERVICE:

Mali, West Africa

Rescued a spotted hyena (*Crocuta crocuta*), a patas monkey (*Erythrocebus patas*), and a vervet monkey (*Chlorocebus pygerythrus*) from cruel conditions as a road-side attraction and negotiated to have them properly nurtured in the National Zoo of Mali. See: (<https://www.generosity.com/animal-pet-fundraising/rescue-animals-like-milou-the-hyena--2>) 2016.

Drip irrigation project to reduce food insecurity for a Dogon village, Mali. 2016.

Drilling well at aquifer for onion gardening. 2015.

Prospecting for an aquifer to water onion gardens. A collaboration with the engineering firm of Salif Sangare in Sevare, Mali. 2014.

Food Relief (raised \$200,000 in funds and helped to coordinate the delivery of 400 metric tonnes of millet to 18 Dogon villages during the hunger season of 2014.

Food Relief (raised \$200,000 in funds and helped to coordinate the delivery of 400 metric tonnes of millet to 15 Dogon villages (<http://www.slideshare.net/UMNews/hunger-in-the-dogon-of-mali>) during the hunger season of 2012.

Foot bridge, in progress (in collaboration with U of M Civil Engineering Professor Ann Jeffers and students who created a Michigan chapter of *Bridges To Prosperity* for this project) <http://studentorgs.umich.edu/group/10008222>, 2012.

Medical supplies for rural hospital in Mali, 2012, 2013, 2014, 2015

Books and supplies for primary and secondary schools, 2011 – 2012, 2012-2013, 2014.

Tuition awards for further education for Dogon young people (Adama Bomon received an advanced education (2010 - 2014) enabling her to become employed in Mali as a nurse-obstetrician; Jacques Tigemu studied accounting (2011 – 2012); Andre Andigun studied in Durban, S. Africa (2013 – 2014).

House for a homeless family, 2007

2 km Road to put a village on the grid (Self Help Project) 2005 – 2008

Dam and dike for increased onion production (Self Help Project), 1989

Ann Arbor, Michigan, USA:

Germantown Neighborhood Association, President (9/2009 to 9/2010).

Germantown Neighborhood Association, Vice President (1/2009 to 9/2009)

TEACHING

Undergraduate Courses:

Evolution, Environment, and Global Health (Anthrbio. 167, Fall 2017)

Introduction to Biological Anthropology (Anthrbio. 161)

Natural Selection (Anthrbio. 169)

Biology, Society, and Culture (Anthrbio. 361)

Human Behavioral Ecology (Anthrbio. 467)

Human Nature (Anthrbio. 562/472)

Collection of Biological Samples and Analysis of Biomarkers (Anthrbio. 471, 469)

Graduate Courses:

Human Reproductive Ecology (Anthrbio. 560)

Quantitative Field Methods (Anthrbio. 561)

Biological Anthropology Graduate Core Course (Anthrbio. 570)

Evolution and Religion (Anthrbio. 661)

Evolution and Human Behavior (Anthrbio. 661)

Human Life History Strategies (Anthrbio. 661)

Human Evolutionary Ecology (Anthrbio. 661)

Grant Proposal Writing (Anthrbio. 661)

Ph.D. Thesis Committees:

Pablo Nepomnaschy (Anthropology & School of Natural Resources & Environment, co-mentored with Prof. Bobbi Low) (Distinguished Dissertation Award, 2005)

Dr. Judy McCook (School of Nursing, graduated 2002)

Dr. Clive Lipchin (School of Natural Resources & Environment, defended April 2003)

Jerry DeSilva (Anthropology, prelim committee)

Sylvia Amsler (Anthropology, prelim committee)

Erin Holmes (Anthropology, prelim committee)

Kevin Langergraber (Anthropology, dissertation committee, defended 2007)

Jessica Westin (Anthropology, prelim committee)
 Steven J. Stanton (Psychology, dissertation committee, defended 2008)
 Bret Weinstein (EEB, dissertation committee, defended 2009)

Students whom I have trained in field methods (Mali, West Africa):

<u>Year</u>	<u>Name</u>	<u>Area of interest</u>	<u>University</u>	<u>Level</u>
1986	Sylvie Moulin	Economics/Anthro.	Rice	Undergrad.
1987	Sylvie Moulin	Economics/Anthro.	Rice	Undergrad.
1987	Thomas Stevenson	Economics	Rice	Undergrad.
1998	Betsy Abrams	Anthropology	Michigan	Grad.
1998	Sera Young	Anthropology	Michigan	Undergrad.
1999	Brendan Hug	French/BioPsychology	Michigan	Undergrad.
1999	Lindsey Boynton	French/Public Health	Michigan	Undergrad.
1999	Joy Rowe	Linguistics	Michigan	Undergrad.
1999	Riley Bove	Anthropology	Michigan	B.A.
2000	Anne-LyneJean-Baptiste	Public Health	Michigan	Grad.
2000	David Plate	Public Health	Michigan	Grad.
2000	Joanna Rogers	Public Health	Michigan	B.A.
2000	Robin Martz	Public Health	Michigan	B.A.
2001	Christine Sauve	Anthropology	Michigan	Undergrad.
2001	Brendan Hug	French/BioPsychology	Michigan	B.A.
2004	Russell P.Herrold	Anthropology	Michigan	Grad.
2007	Kristen Munnely	Anthropology	Michigan	Grad.
2007	Mary Kelaita	Anthropology	Michigan	Grad.
2012*	Nicole Carbone*	Anthropology	Michigan	Undergrad.
2014	Roo Kulshreshtha	Psychology & French	Michigan	B.A.
2016	Armin Dadkhah	Biology	Michigan	B.S.

*Ouagadougou, Burkina Faso

Additional Undergraduate Teaching

Undergraduate Honors theses supervised:

Lisa DeBruin, Sexual jealousy and sexual preference, (2nd reader) 1998,
Lindsay Jones, Nutritional status and child health among the Dogon, Honors 1999
Sera Young, Religious conversion of Dogon women, Honors 1999
Corie Hanna, Predictors of childhood illness among the Dogon, High Honors 2002
Erin Burke, The social structure of Dogon patrilineages, Highest Honors 2006
Rayna Edwards, A comparison of WHO versus NCHS measures of growth in rural Mali,
West Africa, Highest Honors 2007
Cari Merritt, Retail Therapy as Sexual Strategy: An attractive way to cope, Honors 2011.
Christine Campbell, Does acne come with modernity? Honors 2012.
Nicole Carbone, Maternal depletion, sibship size, and the intergenerational transmission
of low birth weight. High Honors 2013.
Sarah Cunningham, Effect of Urban Migration on Cortisol and Stress in Dogon Girls,
2014 - 2015.

Undergraduate Research Opportunities Program

Sanghita Baxi, Female fertility, 1997-1998
Lindsey Boynton, Lab & Fieldwork among the Dogon, 1999-2000
Brendan Hug, , Lab & Fieldwork among the Dogon, 1999-2002
Joy Rowe, Lab & Fieldwork among the Dogon, 1999
Elizabeth Bovair, Economic rank among the Dogon, 2001-2002
Kevin Bhushan, Visual media in anthropology, 2002 - 2004
Nathan Hoste, Visual media in anthropology, 2002 - 2004
Callie Worsham, Visual media in anthropology, 2004 – 2005
Alex Perry, Visual media in anthropology, 2005
Rebecca Kim, Visual media in anthropology, 2005-2006
Simi Oyeleye, Dogon nutrition and genetics, 2008-2009
Erin Gager, Dogon genetics, (Recipient of UROP Poster Award) 2008-2009
Jackie Turner, Film Editing, 2008-2009
Melissa Loveridge, Intergenerational correlations in height z-scores, 2014 – 2015
Andry-Tohy Rakotovololona, Polyandry and polygyny in the Dogon, 2014 – 2015
Armin Dadkhah, Effect of urban migration on adolescent blood pressure, 2014 – 2015
Sandeep Kalepu, Dogon Visual Media, 2014

Additional Undergraduates who have worked in my laboratory

Ami Shah, Reproductive endocrinology, 1997 - 1999.
Milena Soc, Patrilineal descent in the Dogon of Mali, 2006 - 2008.
Samantha Pabich, Child nutrition in the Dogon of Mali, 2009.
Nikhil Kurapati, B.S., Anthropological genetics of the Dogon, 2009 - 2010.
Cari Merritt, Anthropology of kinship, 2009 - 2010.
Erin Gager, Cooperation and kinship, 2010 - 2011.
Hawah Freeman, B.S., Developmental origins of high blood pressure, 2011.
Kendall Arslanian, B.S., Breast cancer risk from oral contraceptives, 2011 - 2012.

Nicole Carbone, Maternal depletion, sibship size, and the intergenerational transmission of low birth weight, 2012 - 2013.
Maria Rieman Klinger, Developmental origins of high blood pressure, 2012 - 2013.
Annie Xiao, Fieldwork coordinator, 2015 - 2016.
Michael Ronzetti, Laboratory assistant, 2016.
Taylor Johnson, Dogon agricultural production, 2016.
Jessica Heimonen, Laboratory research assistant, 2016 - 2017.
Grace Wan, Fieldwork coordinator, 2016 - 2017.
Nisha Korakavi, Laboratory research assistant, 2017.
Gowri Viswanathan, Laboratory research assistant, 2017.

Undergraduate musicians who performed in my film, *The Last Wilderness*, 2009.

William Zuckerman, Composed the score
Mark Latham, Conductor (Ph.D. student)
Anne Dearth, Flute
Lisa Kudo, Clarinet
Daniel Hawthorne-Foss, Alto Saxophone
Timothy Krippner, Piano
Zoë Aqua, Violin
Jennifer Chun, Violin
Juliet Dawson, Viola
Daniel Smith, Cello
Kelly Moran, Sound Engineer

Post-Baccalaureate Research Assistants

Hawah Freeman, B.S., 2010 – 2014
Cathy Smith, B.S., 2013 – 2015
Allysha Rokeya Choudhury, B.S., 2014 – 2015
Elyse Brusher, B.A., 2015
Bing Bing Wu, M.S. student, 2015
Armin Dadkhah, 2015 – 2016

PROFESSIONAL MEMBERSHIPS:

American Association of Physical Anthropologists
Human Behavior and Evolution Society
Human Biology Association
American Association for the Advancement of Science