

JAMES H. MIELKE
Curriculum Vitae

Personal Information

Professor & Associate Dean
Anthropology, College of Liberal Arts & Sciences
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200 Strong Hall
Lawrence 66045-7535

Email Address: mielke@ku.edu

Education

Ph.D., Anthropology, 1974
University of Massachusetts, Amherst
Dissertation/Thesis: "Population structure of the Åland Islands, Finland, from 1750 to 1949."

M.A., Anthropology, 1971
University of Massachusetts, Amherst
Dissertation/Thesis: "Trabecular involution in femoral heads of a prehistoric population (X-Group) from Sudanese Nubia."

B.A., Anthropology, 1969
University of Utah, Salt Lake City

Employment History

Academic

University of Kansas, College of Liberal Arts & Sciences, Lawrence, KS
Associate Dean, Administrative Affairs, 2017 - present
Associate Dean, Social and Behavioral Sciences, 2010 - 2017
Professor of Anthropology, 1986 - Present
Interim Director, Gerontology, January 1, 2015 - June 30, 2015
Acting Associate Dean, 2009 - 2010
Social and Behavioral Sciences, College of Liberal Arts and Sciences
Chair of Anthropology, 2001 - 2009
Acting Chair, Fall 1998
Associate Professor of Anthropology, 1980 - 1986
Assistant Professor of Anthropology, 1977 - 1980

Wright State University, Dayton, OH
Assistant Professor of Anthropology, 1974 - 1977
Department of Sociology, Anthropology, & Social Work

University of South Florida, Tampa
Visiting Instructor, 1975 - 1976
Interdisciplinary Social Sciences Department

University of Massachusetts, Amherst
Teaching Assistant and Lecturer (part-time), 1969 - 1973
Department of Anthropology

University of Utah
Teaching Assistant, 1968 - 1969
Department of Anthropology
Research Assistant, 1967 - 1968
Department of Anthropology

Administrative Assignments

University of Kansas, Lawrence, KS

Associate Dean of Administrative Affairs, 2017 - Present

Associate Dean, Social and Behavioral Sciences, College of Liberal Arts and Sciences, 2010 - 2017

Acting Director of the College's Gerontology Doctoral Program, Spring 2015

Acting Associate Dean, Social and Behavioral Sciences, College of Liberal Arts and Sciences, 2009 - 2010

Chair of Anthropology, 2001 - 2009

Acting Chair of Anthropology, Fall 1998

Professional Memberships

American Association of Physical Anthropologists (AAPA)
Council of Colleges of Arts & Sciences (CCAS)

Honors/Awards/Honor Societies

Honor Societies Honors/Awards

Phi Kappa Phi, University of Massachusetts, Amherst (1972)

Individual Honors/Awards

Outstanding Education Service Award, The Dialogue Institute in Lawrence and Greater Kansas City Metro Area (April 2015)

W.T. Kemper Fellowship for Teaching Excellence, University of Kansas (2006)

Merit Scholarship in Anthropology, University of Utah (1968 - 1969)

Honors at Entrance Scholarship, University of Utah (1965 - 1966)

Publications

Books

- Mielke, J. H., Konigsberg, L. W., & Relethford, J. H. (2011). *Human Biological Variation* (2nd ed.). Oxford University Press. 443 pages. (Reviewed/Refereed)
- Mielke, J. H., Konigsberg, L. W., & Relethford, J. H. (2006). *Human Biological Variation* (1st ed.). Oxford University Press. 418 pages. (Reviewed/Refereed)

Book Chapters

- Mielke, J. H. (2016). Population and Disease Transitions in the Åland Islands, Finland. In *New Directions in Biocultural Anthropology*, Edited by Molly K. Zuckerman and Debra L. Martin, (pp. 339-361). John Wiley & Sons. (Reviewed/Refereed) (Invited)
- Mielke, J. H. (2007). The confluence of anthropological genetics and anthropological demography. In M. H. Crawford (Ed.), *Anthropological Genetics: Theory, Methods, and Applications* (pp. 112-140). Cambridge University Press. (Invited)
- Mielke, J. H. (2003). War and Population Composition in Åland, Finland. In D. A. Herring & A. C. Swedlund (Eds.), *Human Biologists in the Archives: Demography, Health, Nutrition and Genetics* (pp. 216-233). Cambridge University Press. (Invited)
- Mielke, J. H. (2002). Warfare and Population Structure. In M. Smith (Ed.), *Human Biology and History* (pp. 98-111). Taylor and Francis Publishers. (Invited)
- Mielke, J. H., & Swedlund, A. C. (1993). Historical demography and population structure. In G. W. Lasker & C.G.N. Mascie-Taylor (Eds.), *Research Strategies in Human Biology* (pp. 140-185). Cambridge Series in Biological Anthropology, Cambridge University Press. (Invited)
- Jorde, L. B., Pitkänen, K., Mielke, J. H., Fellman, J. O., & Eriksson, A. W. (1990). Historical epidemiology of smallpox in Kitee, Finland. In A. C. Swedlund & G. J. Armelagos (Eds.), *Disease in Populations in Transition* (pp. 183-200). NY: Bergian and Garvey. (Invited)
- Buikstra, J. E., & Mielke, J. H. (1985). Demography, diet and health. In Gilbert & Mielke (Eds.), *The Analysis of Prehistoric Diets* (pp. 359-422).
- O'Rourke, D. H., Baume, R. M., Mielke, J. H., & Crawford, M. H. (1984). Dental variation in Black Carib populations. In M. H. Crawford (Ed.), *Current Developments in Anthropological Genetics: Black Caribs*, Volume 3 (pp. 169-187). New York: Plenum Press. (Invited)
- Mielke, J. H., Devor, E. J., Kramer, P. L., Workman, P. L., & Eriksson, A. W. (1982). Historical population structure of the Åland Islands, Finland. In *Current Developments in Anthropological Genetics*, Volume 2, (pp. 255-332). Plenum Press.
- Mielke, J. H. (1980). Demographic aspects of population structure in Åland. In A. W. Eriksson, H. R. Forsius, H. R. Nevanlinna, P. L. Workman, & R. K. Norio (Eds.), *Population Structure and Genetic Disorders* (pp. 471-486). London: Academic Press. (Invited)
- Mielke, J. H., Workman, P. L., Fellman, J., & Eriksson, A. W. (1976). Population structure of the

Åland Islands, Finland. In H. Harris & K. Hirschhorn (Eds.), *Advances in Human Genetics* (Vol. 6). NY: Plenum Press. (Invited)
Ch. 4.

Journal Articles

- Mielke, J. H. (1996). Historical epidemiology of measles and scarlet fever in Åland, Finland. *Rivista di Antropologia*, 74, 127-138. (Reviewed/Refereed) (Invited)
- Mielke, J. H., Relethford, J. H., & Eriksson, A. W. (1994). Temporal trends in migration in the Åland Islands: The effects of population size and geographic distance. *Human Biology*, 66(3), 407-418. (Reviewed/Refereed)
- Relethford, J. H., & Mielke, J. H. (1994). Marital exogamy in the Åland Islands, Finland, 1750-1949. *Annals of Human Biology*, 21(1), 13-21. (Reviewed/Refereed)
- Pitkänen, K. J., & Mielke, J. H. (1993). Age and sex differentials in mortality during two nineteenth century population crises. *European Journal of Population*, 9(1), 1-32. (Reviewed/Refereed)
- Jorde, L. B., Pitkänen, K. J., & Mielke, J. H. (1989). Predicting smallpox epidemics: A statistical analysis of two Finnish populations. *American Journal of Human Biology*, 1(5), 621-629. (Reviewed/Refereed)
- Mielke, J. H., & Pitkänen, K. J. (1989). War demography: The impact of the 1808-09 war on the civilian population of Åland, Finland. *European Journal of Population*, 5, 373-398. (Reviewed/Refereed)
- Pitkänen, K. J., Mielke, J. H., & Jorde, L. B. (1989). Smallpox and its eradication in Finland: Implications for Disease Control. *Population Studies*, 43, 95-111. (Reviewed/Refereed)
- Eriksson, A. W., Bressers, W.M. A., Kostense, P. J., Tas, R. F., Mielke, J. H., Jorde, L. B., & Fellman, J. O. (1988). Twinning rate in Scandinavia and the Netherlands during years of privation. *Acta Genet. Med. Gemellol*, 37, 277-298. (Reviewed/Refereed)
- Pitkänen, K., Jorde, L. B., Mielke, J. H., Fellman, J. O., & Eriksson, A. W. (1988). Marital migration and genetic structure in Kitee, Finland. *Annals of Human Biology*, 15, 23-34. (Reviewed/Refereed)
- Mielke, J. H., Pitkänen, K. J., Jorde, L. B., Fellman, J. O., & Eriksson, A. W. (1987). Demographic patterns in the Åland Islands, Finland, 1750-1900. *Yearbook of Population Research in Finland*, 25, 57-74. (Reviewed/Refereed)
- Mielke, J. H., Jorde, L. B., Trapp, P. G., Anderton, D. L., Pitkänen, K., & Eriksson, A. W. (1984). Historical epidemiology of smallpox in Åland, Finland: 1751-1890. *Demography*, 21, 271-295. (Reviewed/Refereed)
- Swedlund, A. C., Jorde, L. B., & Mielke, J. H. (1984). Population structure in the Connecticut Valley, I: Marital migration. *American Journal of Physical Anthropology*, 65, 61-70. (Reviewed/Refereed)

- Trapp, P. G., Mielke, J. H., Jorde, L. B., & Eriksson, A. W. (1983). Infant mortality patterns in Åland, Finland. *Human Biology*, 55, 131-149. (Reviewed/Refereed)
Reprinted In: *Mortality Patterns in Anthropological Populations*, Ellen R. Brennan Editor, Wayne State University Press, pp. 131-149 (1983).
- Crawford, M. H., Mielke, J. H., Devor, E. J., Dykes, D. D., & Polesky, H. F. (1981). Population structure of Alaskan and Siberian indigenous communities. *American Journal of Physical Anthropology*, 55, 167-185. (Reviewed/Refereed)
- Martin, D. L., Armelagos, G. J., Mielke, J. H., & Meindl, R. S. (1981). Bone loss and dietary stress in an adult skeletal population from Sudanese Nubia. *Bull. et Mem. de le Soc. d'Anthrop*, t. 8, series XIII, 307-319. (Reviewed/Refereed)
- Workman, P. L., Mielke, J. H., & Nevanlinna, H. R. (1976). The genetic structure of Finland. *American Journal of Physical Anthropology*, 44, 341-367. (Reviewed/Refereed)
- Armelagos, G. J., Mielke, J. H., Owen, K. H., Van Gerven, D. P., Dewey, J. R., & Mahler, P. E. (1972). Bone growth and development in prehistoric populations from Sudanese Nubia. *Journal of Human Evolution*, 1, 89-119. (Reviewed/Refereed)
Reprinted in *Population Biology of Ancient Egyptians*, Edited by D.R. Brothwell and B.A. Charelli, 1974, Academic Press.
- Mielke, J. H., Armelagos, G. J., & Van Gerven, D. P. (1972). Trabecular involution in femoral heads of a prehistoric (X-Group) population from Sudanese Nubia. *American Journal of Physical Anthropology*, (36), 39-44. (Reviewed/Refereed)

Books, Edited Volumes

- Gilbert, R. I., Jr., & Mielke, J. H. (Eds.). (1985). *The Analysis of Prehistoric Diets*. Orlando, FL: Academic Press.
436 pages.
- Crawford, M. H., & Mielke, J. H. (Eds.). (1982). *Current Developments in Anthropological Genetics: Ecology and Population Structure* (Vol. 2). NY: Plenum Press.
525 pages.
- Mielke, J. H., & Crawford, M. H. (Eds.). (1980). *Current Developments in Anthropological Genetics: Theories and Methods* (Vol. 1). NY: Plenum Press.
436 pages.

Conference Proceedings

- Mielke, J. H. (1982). Population movements and genetic microdifferentiation in Åland, Finland. In *Predavanja Lectures, 7th School* (Vol. 6, pp. 19-38). (Invited)

Encyclopedia Entries

- Mielke, J. H. (in press). Genotype. In *The International Encyclopedia of Biological Anthropology*. Wenda Trevathan (Editor).. John Wiley & Sons, Inc.. (Reviewed/Refereed)
(Invited)

Mielke, J. H. (in press). Mourant, A.E. In *The International Encyclopedia of Biological Anthropology*. Wenda Trevathan (Editor).. John Wiley & Sons, Inc.. (Reviewed/Refereed) (Invited)

Instructional Materials

Mielke, J. H. (1999). *General Anthropology*. Independent Study Course for General Anthropology. Division of Continuing Education, The University of Kansas. 174 pages. [Revised 2004]

Hoopes, J. W., & Mielke, J. H. (1998). Study Guide for *Cultural Anthropology: A Global Perspective* Third Edition. Prentice Hall.

Mielke, J. H., & Hoopes, J. W. (1998). Study Guide for *Anthropology: A Global Perspective* Third Edition. Prentice Hall.

Hoopes, J. W., & Mielke, J. H. (1995). Study Guide for *Cultural Anthropology: A Global Perspective* by Raymond Scupin. Prentice Hall. 319 pages.

Mielke, J. H., & Hoopes, J. W. (1995). Study Guide for *Anthropology: A Global Perspective* by Raymond Scupin and Christopher R. DeCorse. Prentice Hall. 441 pages.

Reviews

Mielke, J. H. (2005). [Review of *Demography in the Age of the Postmodern*, by Nancy E. Riley and James McCarthy. New York: Cambridge University Press. 2003]. *American Journal of Physical Anthropology*, 128(1), 230-231.

Mielke, J. H. (1998). [Review of *Human Variation: Races, Types, and Ethnic Groups*. 4th edition, by Stephen Molnar, Prentice-Hall, 1998]. *Human Biology*, 70(6), 1107-1109.

Mielke, J. H. (1997). [Review of the book *Genetic Variation and Human Disease: Principles and Evolutionary Approaches*, K.M. Weiss, Cambridge: Cambridge University Press, 1993]. *Reviews in Anthropology*, (26), 235-243.

Mielke, J. H. (1997). [Review of *In the Wake of Contact: Biological Responses to Conquest*, Edited by C.S. Larsen and G.R. Milner, New York: Wiley-Liss, 1994]. *Reviews in Anthropology*, 26, 235-243.

Mielke, J. H. (1994). [Review of *Populations of the Nordic countries: Human population biology from the present to the mesolithic*, edited by Elisabeth Iregren and Rune Liljekvist, Proceedings of the Second Seminar of Nordic Physical Anthropology, Lund 1990, University of Lund, Institute of Archaeology, Report Series No. 46, 1993]. *Annals of Human Biology*, 21(2), 202.

Mielke, J. H. (1992). [Review of *Approche Pluri-Disciplinaire des Isolates Humains /Pluridisciplinary Approach of Human Isolates*, Édité par André Chaventré et Derek F. Roberts, 12ème Congrès International de l'Anthropologie et de l'Ethnologie, Congrès et Colloques, No. 3, Éditions de l'INED, 1990]. *Human Biology*, 64(6), 921-922.

- Mielke, J. H. (1991). [Review of *Fertility and Resources*, edited by John Landers and Vernon Reynolds, Cambridge University Press, 1990]. *Amer. J. Phys. Anthropol*, 86(4), 558-560.
- Mielke, J. H. (1990). [Review of *Human Population Biology: A Transdisciplinary Science*, by Michael A. Little and Jere D. Haas Editors, Oxford University Press, 1989]. *American Anthropologist*, 92(4), 1066-1067.
- Mielke, J. H. (1988). [Review of *Genetic Variation and Its Maintenance*, by D.F. Roberts and G.F. Stefano, Eds, Cambridge University Press, Cambridge, (1986)]. *Amer. J. Phys. Anthropol*, 76(2), 271-272.
- Mielke, J. H. (1987). [Review of *Surnames and Genetic Structure*, by G.W. Lasker, Cambridge University Press, NY]. *American Anthropologist*, 89(2), 509-510.
- Mielke, J. H. (1985). [Review of *Migration and Mobility*, by A.J. Boyce Editor, Taylor and Francis, London, 1984]. *Annals of Human Biology*, 12, 295-297.
- Mielke, J. H. (1982). [Review of *The Genesis of Diversity*, by Bryan Shorrocks, Univ. Park Press, Baltimore, 1979]. *American J. Phys. Anthropol*, 58, 352-353.
- Mielke, J. H. (1978). [Review of *Evolution in Progress, (Film)*, Produced by the British Institute and the Genetics Laboratory, University of Oxford]. *American Anthropologist*, 80, 504.
- Mielke, J. H. (1978). [Review of *The Demographic Evolution of Human Populations*, by R.H. Ward and K.M. Weiss Editors]. *American Scientist*, 66, 98.

Technical Reports

- Mielke, J. H., & Van Gerven, D. P. (1978). Human skeletal analysis from Bear River No. 3. Appendix. *University of Utah Anthropological Papers No. 99* (pp. 101-104).
- Mielke, J. H. (1978). Human skeletal remains from Nowlin II. Appendix B. In M.C. R. McCollough & C. H. Faulkner (Eds.), *Sixth Report of the Normandy Archaeological Project* (pp. 175-199). Published jointly as reports from: Univ. of Tenn. #21, Wright State Univ. #14, & Tennessee Valley Authority #19.
- Armelagos, G. J., Mielke, J. H., & Winter, J. (1971). *Bibliography of Human Paleopathology*. Research Reports No. 8, Department of Anthropology, University of Massachusetts, Amherst, 159 pp., xvi.
- Van Gerven, D. P., & Mielke, J. H. (1968). *Analysis of two skeletons from Pharo Village*. An Appendix to: *Pharo Village* by John P. Marwitt. University of Utah Anthropological Papers, No. 91, pp. 73-78

Test Development/Manuals

- Hoopes, J. W., & Mielke, J. H. (1998). Test Item File for *Anthropology: A Global Perspective*, Third Edition. Prentice Hall.
- Mielke, J. H., & Hoopes, J. W. (1998). Test Item File for *Cultural Anthropology: A Global*

Perspective, Third Edition. Prentice Hall.

Hoopes, J. W., & Mielke, J. H. (1995). Test Item File for *Anthropology: A Global Perspective* by Raymond Scupin and Christopher R. DeCorse. Prentice Hall.
263 pages.

Mielke, J. H., & Hoopes, J. W. (1995). Test Item File for *Cultural Anthropology: A Global Perspective* by Raymond Scupin. Prentice Hall.
199 pages.

Theses

Mielke, J. H. (1974). *Population structure of the Åland Islands, Finland, from 1750 to 1949*. Ph.D. Dissertation. University of Massachusetts, Amherst.

Mielke, J. H. (1971). *Trabecular involution in femoral heads of a prehistoric population (X-Group) from Sudanese Nubia*. M.A. Thesis. University of Massachusetts, Amherst.

Presentations

Paper

Mielke, J. H. (2000). *Infant and child mortality patterns in Åland, Finland*. Amer. J. Phys. Anthropol.: Supplement 30, page 228. (Invited)

Mielke, J. H. (1999). *War and population change in Finland*. Invited paper in a symposium: "Human Biology in the Archives: Demography, Health, Nutrition, and Genetics in Historical Populations." American Association of Physical Anthropologists. Amer. J. Phys. Anthropol.: Supplement 28. 1999, page 202. (Invited)

Mielke, J. H. (1999). *Warfare and population structure*. Invited paper in a symposium on Human Biology and History, Society for the Study of Human Biology, University College, Durham, UK. (Invited)

Mielke, J. H. (1995). *Historical demography and epidemiology of the Åland Islands, Finland*. Invited presentation, Department of Anthropology, University of Missouri. (Invited)

Mielke, J. H. (1994). *Åland Island population studies: Past, present and future*. Symposium: "Current Developments in Anthropological Genetics", American Association of Anthropological Genetics. (Invited)

Eriksson, A. W., Fellman, J. O., Jorde, L. B., Mielke, J. H., & Pitkänen, K. J. (1989). *Strongly decreasing twinning rate after breaking up of isolates in the Baltic Sea area*. Human Genetics Meetings. Amer. J. Human Genet.: 45(4): A238, 1989.

Mielke, J. H., & Pitkänen, K. J. (1989). *Sex differences in mortality patterns during crisis periods in Finland*. American Association of Physical Anthropologists. Amer. J. Phys. Anthropol.: 78: 272-273, 1989.

Mielke, J. H., Jorde, L. B., & Pitkänen, K. (1987). *Temporal fluctuations in mortality in Åland*,

- Finland, from 1749 to 1900*. American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: 72: 233, 1987.
- Jorde, L. B., Pitkänen, K., & Mielke, J. H. (1986). *Migration in Kitee, Finland: Genetic and epidemiologic consequences*. American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: 69: 220, 1986. (Invited)
- Jorde, L. B., Mielke, J. H., Fellman, J. O., & Eriksson, A. W. (1985). *Genetic variation in the Åland Islands, Finland*. Invited paper presented at a conference on "Maintenance of Genetic Variation in Tropical Populations", Rome, Italy. Ann. Human Biology, 12: 557. (Invited)
- Jorde, L. B., Pitkänen, K., Mielke, J. H., & Fellman, J. O. (1985). *Historical epidemiology of smallpox in Kitee, Finland*. Invited paper presented at a Wenner-Gren Foundation Symposium for Anthropological Research, Santa Fe, NM. (Invited)
- Mielke, J. H., & Jorde, L. B. (1985). *Historical disease patterns in Åland, Finland*. Invited paper presented at a conference on "Anthropology and Health: Historical Processes and Human Demography", Dubrovnik, Yugoslavia. Coll. Anthropol.: 9: 252, 1985. (Invited)
- Mielke, J. H., & Pitkänen, K. (1985). *Demographic and genetic impact of war in Åland, Finland*. American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: 66: 205, 1985. (Invited)
- Mielke, J. H., Jorde, L. B., Trapp, P. G., Anderton, D. L., Pitkänen, K., & Eriksson, A. W. (1984). *Historical epidemiology of smallpox in Åland, Finland*. American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: 63: 193-194, 1984.
- Mielke, J. H., Trapp, P. G., & Eriksson, A. W. (1981). *Infant mortality patterns in Åland, Finland: 1750-1850*. American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: 54: 254, 1981.
- Mielke, J. H. (1981). *Population movements and genetic microdifferentiation in Åland, Finland*. Seventh School of Biological Anthropology, Zagreb, Yugoslavia. (Invited)
- Trapp, P. G., & Mielke, J. H. (1980). *Demographic impact of smallpox in Åland, Finland*. American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: 52: 288, 1980.
- Armelagos, G. J., Martin, D., & Mielke, J. H. (1979). *Dietary stress in prehistoric populations from Sudanese Nubia*. International Egyptology Meetings, Grenoble, France.
- Crawford, M. H., Mielke, J. H., Dykes, D. D., & Polesky, H. F. (1979). *Population structure of Alaskan and Siberian indigenous communities*. American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: 50: 431, 1979.
- Gilbert, R. I., Jr., & Mielke, J. H. (1979). *Diet and osteoporotic bone loss in two archaeological groups*. Kansas Anthropological Society Annual Meeting.
- Mielke, J. H. (1978). *Smallpox and scarlet fever epidemics in Åland, Finland 1750-1860*. American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: 48: 419, 1978.
- Mielke, J. H. (1978). *Some demographic approaches for studying the population structure of the*

Åland Islands, Finland. Sigrid Jusélius 7th Symposium entitled "Population Genetic Studies on Isolates", Mariehamn, Åland, Finland. (Invited)

Mielke, J. H., Workman, P. L., Fellman, J., & Eriksson, A. W. (1974). *Population structure of the Åland Islands from 1750 to 1949*. European Society of Human Genetics, Umeå, Sweden. Bull. Europ. Soc. Human Genet.: 7:73-74, 1974.

Mielke, J. H. (1974). *The use of matrimonial migration in examining the population structure of the Åland Islands, Finland*. American Association of Physical Anthropologists, Amherst, MA. Amer. J. Phys. Anthrop.: 41: 493, 1973.

Mielke, J. H. (1971). *Trabecular involution in femoral heads of a prehistoric (X-Group) population from Sudanese Nubia*. Northeastern Anthropological Association, Albany, NY.

Poster

Mielke, J. H. (2013). *Disease Dynamics in Åland, Finland - 1750 to 1950*. Invited poster in a symposium in honor of George J. Armelagos, presented at the annual meeting of American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: S56: 198. (Invited)

Boyd, J. T., & Mielke, J. H. (2012). *Seasonality of infectious disease in Åland, Finland*. Poster presented at annual meeting of the American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: Supplement 54, page 104.

Miller, E. L., & Mielke, J. H. (2012). *Measles and smallpox mortality in households and parishes in 19th century Åland, Finland*. Paper presented at Annual Meeting of the Human Biology Association.

Mielke, J. H., Quiros, O. E., & Mitchell, R. J. (2003). *Preliminary studies of the demography and genetics of the Boruca of Costa Rica*. Poster presented at the annual meeting of the American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: Supplement 36, page 151.

Piezkiewicz, D. S., & Mielke, J. H. (1998). *Computer simulation of the effects of partner exchange rates on HIV virulence evolution*. American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: Supplement , 1998.

Mielke, J. H., Piezkiewicz, D. S., Kosten, M., & Mitchell, R. J. (1996). *Mortality patterns in the Midlands of Tasmania*. American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: Supplement 22, 1996, page 167.

Mielke, J. H. (1995). *Historical epidemiology in Åland, Finland*. American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: Supplement 20, 1995, page 153.

Mielke, J. H. (1994). *Modelling the historical vital events in Åland, Finland*. American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: Supplement 18, 1994, p. 146.

Mielke, J. H., Relethford, J. H., & Eriksson, A. W. (1993). *Temporal trends in migration: The effects of population size and geographic distance*. American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: Supplement 16, 1993, p. 145.

- Mielke, J. H., Pitkänen, K. J., & Eriksson, A. W. (1992). *Famine and epidemic mortality in Finland*. American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: Supplement 14, 1992, p. 123.
- Mielke, J. H., Trapp, P. G., Fellman, J. O., & Eriksson, A. W. (1991). *Opportunity for natural selection in a preindustrial population*. American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: Supplement 12, 1991, pp. 130-131.
- Mielke, J. H., Pitkänen, K. J., & Eriksson, A. W. (1990). *Population recovery following a mortality crisis*. American Association of Physical Anthropologists. Amer. J. Phys. Anthrop.: 81: 268, 1990.
- Eriksson, A. W., Fellman, J. O., Jorde, L. B., Mielke, J. H., & Pitkänen, K. J. (1988). *Human twinning rate not depressed around years of famine*. Poster at Human Genetics Meetings. Amer. J. Human Genet.: 43 (Suppl.): A47.

Workshop

- Mielke, J. (2014, August). *Smallpox in Finland 1750-1950*. Research and Policy for Infectious Disease Dynamics Network (RAPIDD), Copenhagen, Denmark. (Invited) (International)

Field Research

Other Organization or University

Other

- Research in Costa Rica among the Boruca, Collected genealogies, historical demographic data, and blood samples., Costa Rica. (Summer 2002).
Mielke, James H.
- Research in Finland on Historical Epidemiology and Population Structure, Supported by the Sigrid Jusélius Foundation, Helsinki, Finland. Summers of 1973, 1975, 1977-1980, 1982, 1984, 1985, 1988-1992., Åland Islands, Helsinki, and Turku, Finland. (Summer 1973 - Summer 1992).
Mielke, James H.
- Research on the Carcinogenic Potentialities of Florida Industries while at the University of South Florida, Supported by a grant from Florida Regional Medical Programs, Inc. (1975 - 1976).
Mielke, James H.
- Archaeological Testing and Survey at Newfields New Community, Ohio, while at Wright State University, Supported by the U.S. Park Service. Co-director with Dr. Bennie C. Keel, Wright State University. (1974 - 1975).
Mielke, James H.
- Research Assistant, Archaeological Survey and Excavation in the Great Basin, Utah., Director: Dr. Jesse D. Jennings, University of Utah. (Summer 1967).
Mielke, James H.

Research Funding/Fellowships

University of Kansas

Externally-Funded Grant/Contract

Funded

Riordan, R. V., & Mielke, J. H. Ohio Historical Society, State Historic Preservation Office for the continued operation of the West Central Archaeological Preservation Office, Dayton, Ohio (1975 - 1977).

Externally-Funded Grant/Contract

Funded

Mielke, J. H. *Historical Epidemiology and Population Structure Studies of the Åland Islands, Finland*. Sigrid Jusélius Foundation, Helsinki, Finland (1973 - 1991).
Grants awarded for summers of 1973, 1975, 1977, 1978-1985, and 1988-1991

Mielke, J. H. *Collaborative Research on Human Population Genetics in the Åland Islands, Finland*. BNS-8319057, National Science Foundation (NSF) \$85,954 (1984 - 1987).
3 years

Riordan, R. V., & Mielke, J. H. *Archaeological Reconnaissance of Opossum Creek - Phase I Survey of the Area*. Private Research Contract with the Ralph L. Woolpert, Company, Dayton, Ohio (1977).

Keel, B. C., & Mielke, J. H. *Phase I Archaeological Testing of Sites in Newfields New Community, Ohio*. U.S. National Park Service, Eastern Regional Office (1975 - 1976).
Co-director with Dr. Bennie C. Keel

General Research Fund

Funded

Mielke, J. H. *Genetics and Demography of the Boruca of Costa Rica*. GRF #2301072-003, University of Kansas General Research Fund Grant (GRF) (2001 - 2002).

Mielke, J. H. *Population dynamics in Åland, Finland, 1750-1950*. GRF #3055-XX-0038, University of Kansas General Research Fund Grant (GRF) (1993 - 1994).

Mielke, J. H. *War Demography in Historic Finland*. GRF #3102-XX-0038, University of Kansas General Research Fund Grant (GRF) (1989 - 1990).

Mielke, J. H. *Historical Population Dynamics in Sottunga, Finland: 1750-1900*. GRF #3338-XX-0038, University of Kansas General Research Fund Grant (GRF) (1987 - 1988).

Mielke, J. H. *Population Change in Åland, Finland, 1750-1950*. GRF #3286-20-0038, University of Kansas General Research Fund Grant (GRF) (1983 - 1984).

Mielke, J. H. *Fertility Trends in Åland, Finland, 1750-1980*. GRF #3159-20-0038, University of

Kansas General Research Fund Grant (GRF) (1981 - 1982).

Mielke, J. H. *Natural Selection and Disease in Åland, Finland*. GRF#3272-20-0038, University of Kansas General Research Fund Grant (GRF) (1979 - 1980).

Mielke, J. H. *Death and Disease in Åland, Finland -- An Historical Perspective*. GRF #3440-5038, University of Kansas General Research Fund Grant (GRF) (1977 - 1978).

Internal Award

Funded

Mielke, J. H. *Determinants of Population Change and Growth in Finström, Åland*. BIOMED #4381-0711-0, Biomedical Sciences Support Grant, University of Kansas (1985 - 1986).

Mielke, J. H. *The Impact of Diseases on the Population Structure of the Åland Islands, Finland*. BIOMED #RR07037, Biomedical Sciences Support Grant, University of Kansas (1978 - 1979).