

## CURRICULUM VITAE

NAME: Mary Anne Katzenberg

CITIZENSHIP: Canadian / U.S.A.

UNIVERSITY ADDRESS: Department of Archaeology  
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### EDUCATION

B.A. University of Cincinnati, September 1970-June 1974 (with Honours in Anthropology).

M.A. University of Cincinnati, September 1974-1976.  
Supervisor: Dr. Anthony J. Perzigian

Ph.D. University of Toronto, September 1976-1983  
Thesis title: Chemical Analysis of Prehistoric Human Bone from Five Temporally Distinct Populations in Southern Ontario  
Thesis supervisor: F. Jerome Melbye

### EMPLOYMENT

2011 – present Associate Vice President (Research), University of Calgary

2005 – present University Professor, University of Calgary

2001 - 2006 Head, Department of Archaeology, University of Calgary

1995 - present Professor, Department of Archaeology, University of Calgary

1989 - 1995 Associate Professor, Department of Archaeology University of Calgary

1992 Visiting Associate Professor, University of California, Santa Barbara, January -April.

1988 - 1991 Assistant Dean, Faculty of Social Sciences, University of Calgary

1985 - 1989 Assistant Professor, Department of Archaeology, University of Calgary

1983 - 1985 Assistant Professor, Scarborough Campus, University of Toronto

### ACADEMIC HISTORY

#### Contracts & Grants

2006-2010 Major Collaborative Research Initiatives (SSHRC): Middle Holocene Hunter-Gatherers of Cis-Baikal, Siberia. Katzenberg is a co-investigator, director of the bioarchaeology module and member of the project executive. PI Andrzej Weber, University of Alberta. (\$2,500,000).

2004-2007 NSERC Major Facilities Access Grant – Infrastructure: Personnel support for the isotope science laboratory at the University of Calgary, Co-Investigator (Bernhard Mayer – P.I.) (\$162,687).

2002 – 2003 University Research Grants - Collaborative Grant - Metal Bioaccumulation in Pre-Industrial Marine, Freshwater and Terrestrial Food Webs (with John Post, Leland Jackson, Biological Sciences and Bernhard Mayer, Geology and Geophysics (\$10,000).

- 2000- 2005 Major Collaborative Research Initiatives (SSHRC): Hunter-gatherer culture change and continuity in the Middle Holocene of the Cis Baikal, Siberia. Dr. Andrzej Weber, Principal Investigator. Katzenberg is a member of the four-person project executive and director of the human osteology research module (\$2,337,573).
- 2000 Innovation & Science Research Investments Program (Research Infrastructure) IIPP. Creation of a Multidisciplinary 3 Dimensional Morphometrics Center. Dr. Benedikt Hallgrimmson, Principal Investigator, (I am one of 10 co-investigators on this proposal) 2001 – 2005 (\$235,624).
- 2000 Canadian Foundation for Innovation, Infrastructure. Creation of a 3 Dimensional Morphometrics Center. Dr. Benedikt Hallgrimmson, Principal Investigator, (I am one of 10 co-investigators on this proposal) 2001-2004 (\$178,080).
- 2000 NSERC Major Facilities Access Grant. Personnel support for the isotope science laboratory at the University of Calgary. (I am one of 7 co-applicants on this proposal). 2001 – 2004 (\$162,000).
- 1998 University of Calgary Research Grants, Short term project: Stable Isotope Ecology and Human Paleodiet in the Lake Baikal Region of Siberia (\$4700)
- 1997 University of Calgary Research Grants, Conference Travel Grant to participate in the Fifth Advanced Seminar on Paleodiet, Valbonne, France, Sept. 1-5, 1997 (\$1320)
- 1995 - 1996 (with H.R. Krouse (P.I.), I.E. Hutcheon and C.L. Riediger) On-line Combustion C-N Stable Isotope Mass Spectrometer. NSERC (\$66,134.00).
- 1994 (with Stanley Ambrose, University of Illinois) Aid to scholarly conferences: Wenner-Gren Foundation for Anthropological Research. Partial funding for Fourth Advanced Seminar on Paleodiet, Banff, September 1994 (\$9,700 U.S.). L.S.B. Leakey Foundation (\$5,000 U.S.). SSHRC (\$6,000).
- 1991-1996 (Katzenberg, M.A.(P.I.), with S.R. Saunders, McMaster University) Diet and health among 19th century residents of Upper Canada. SSHRC (\$99,984).
- 1991-1996 Skeletal biology and diet reconstruction in Sand Canyon. Crow Canyon Archaeological Center, Cortez, Colorado (contract).
- 1988-1990 Stable isotope analysis of faunal bone and the reconstruction of human paleodiet. SSHRC (\$13,536).
- 1988 Major user on major equipment grant to H. Roy Krouse for Stable Isotope Mass Spectrometer NSERC (\$312,000)

- 1988-1991 Minor user on infrastructure grant to H. Roy Krouse for stable isotope work NSERC (\$69,000/yr.)
- 1988 Chemical analysis of the Snake Hill Site Burials, a War of 1812 American Cemetery. Archaeological Services, Inc. (contract)
- 1987-1989 Chemical Analysis of Prehistoric Bone from the Sierra Blanca Region of the American Southwest, with J.H. Kelley, Department of Archaeology, University of Calgary Research Grant (\$4,000.00)
- 1986-1987 Stable isotope analysis of prehistoric animal remains and the reconstruction of human paleodiet. University of Calgary Research Grant (\$4,019.00)
- 1982 Strontium as a dietary indicator in prehistoric human bone from Southern Ontario. Contract 1630-1-158, National Museums of Canada

#### Awards

- 2005 Appointed as "University Professor" University of Calgary
- 2003 Elected to the Royal Society of Canada, Academy II
- 1998 Faculty of Social Sciences Distinguished Teacher Award
- 1998 Killam Resident Fellowship - University of Calgary
- 1992 Fulbright Scholarship: Canada - U.S. Exchange, Research Award.
- 1982 Oschinsky-McKern Award, Canadian Association for Physical Anthropology

### SCHOLARLY AND PROFESSIONAL WORK

#### Articles - Refereed

- 2012 Lambert, P., Gagnon, C.M., Billman, B.R., Katzenberg, M.A., Silva, J.C. and Tykot, R.H. Bone Chemistry at Cerro Oreja: A Stable Isotope Perspective on the Development of a Regional Economy in the Moche Valley, Peru During the Early Intermediate Period. *Latin American Antiquity*, 23(2):144-166.
- 2012 Katzenberg, M.A., McKenzie, H.G., Losey, R.J., Goriunova, O.K. and Weber, A. Prehistoric dietary adaptations among hunter-fisher-gatherers from the Little Seal of Lake Baikal, Siberia, Russian Federation. *J Archaeol Sci* 39:2612-2626.
- 2012 Williams, J.S. and M.A. Katzenberg, Seasonal fluctuations in diet and death during the late horizon: a stable isotopic analysis of hair and nail from the central coast of Peru. *J. Archaeol Sci* 39(1):41-57.
- 2011 Waters-Rist, Andrea, Bazalliskii, V., Weber, A., and M.A. Katzenberg, Infant and child diet in Neolithic Hunter-Fisher-Gatherers from cis-Baikal, Siberia: Intra-long bone stable nitrogen and carbon isotope ratios. *American Journal of Physical Anthropology* 146:2:225-241.

- 2011 Hard, Robert and M. Anne Katzenberg. A stable isotope study of hunter-gatherer-fisher diet, mobility and intensification on the Texas Gulf Coastal Plain. *American Antiquity* 76(4) 709-751..
- 2011 Losey, R.J., Bazaliiskii, V.I., Garvie-Lok, S., Germonpre, M., Leonard, J.A., Allen, A.L., Katzenberg, M.A., Sablin, M.V. Canids as persons: Early Neolithic dog and wolf burials, Cis-Baikal, Siberia. *Journal of Anthropological Archaeology* 30:2:174-189.
- 2010 Skinner, M.F., Clegg, L., Congram, D., Katzenberg, M.A., Lazenby, R.A., Mundorff, A., Peckmann, T., Spence, M., Stratton, S., Waterhouse, K. Taking the pulse of forensic anthropology in Canada. *Can. Soc. Forensic Sci. J.* 43:4:191-203.
- 2010 Waters-Rist, A., Bazaliiskii, V., Weber, A., Goriunova, O., and M.A. Katzenberg. Activity-induced dental modification in Holocene Siberian Hunter-Fisher-Gatherers. *American Journal of Physical Anthropology*, 143:2: 266-278.
- 2010 Waters-Rist, Andrea and M.A. Katzenberg. The Effect of Growth on Stable Nitrogen Isotope Ratios in Subadult Bone Collagen. *International Journal of Osteoarchaeology* 20: 172-191.
- 2009 Katzenberg, M.A., Goriunova, O.I. and A.Weber. Paleodiet reconstruction of Bronze Age Siberians from the mortuary site of Khuzhir-Nuge XIV, Lake Baikal. *Journal of Archaeological Science* 36: 663-674.
- 2008 Haverkort C.M., Weber, A., Katzenberg, M.A., Goriunova, O.I., Simonetti, A. and R.A. Creaser. Hunter-gatherer mobility strategies and resource use based on strontium isotope ( $^{87}\text{Sr}/^{86}\text{Sr}$ ) analysis: a case study from Middle Holocene Lake Baikal, Siberia, *Journal of Archaeological Science*, 35: 1265-1280.
- 2005 Katzenberg, M.A.; G. Oetelaar; J. Oetelaar; C. FitzGerald; D. Yang and S.R. Saunders. Identification of Historical Human Skeletal Remains: A case study using skeletal and dental age, history and DNA. *International Journal of Osteoarchaeology* 15(1):61-72.
- 2004 Cooper, D. M. L. Matyas, J. R. Katzenberg, M. A. and B. Hallgrimsson. Comparison of Microcomputed Tomographic and Microradiographic Measurements of Cortical Bone Porosity. *Calcified Tissue International* 74:437-447.
- 2004 Garvie-Lok, Sandra, Varney, Tamara L. and M. Anne Katzenberg. Acetic acid treatment of bone carbonate: The effects of treatment time and solution concentration. *Journal of Archaeological Science*. 31:6: 763-776.
- 2003 Harrison, Roman G. and M. Anne Katzenberg. Paleodiet Studies Using Stable Carbon Isotopes from Bone Apatite and Collagen: Examples from Southern Ontario and San Nicolas Island, California. *Journal of Anthropological*

- Archaeology 22:3:227-244.
- 2003 Polet, C. and M.A. Katzenberg. Reconstruction of the Diet in a Mediaeval Monastic Community from the Coast of Belgium. Journal of Archaeological Science 30:5: 525-533.
- 2002 Weber, A.W., Link, D.W. and M.A. Katzenberg. Hunter-Gatherer Culture Change and Continuity in the Middle Holocene of the Cis-Baikal, Siberia. Journal of Anthropological Archaeology 21: 230-299.
- 2000 La Pêche Préhistorique en eau Douce: Contribution des teneurs isotopiques en carbone et en azote du collagène en Sibérie et en Ontario. Les Nouvelles de L'Archeologie 80(2): 27-28.
- 1999 Katzenberg, M.A. and N.C. Lovell. Stable Isotope Variation in Pathological Bone. International Journal of Osteoarchaeology 9: 316-324.
- 1999 Katzenberg, M.A. and A.W. Weber. Stable Isotope Ecology and Paleodiet in the Lake Baikal Region of Siberia. Journal of Archaeological Science 26:651-665.
- 1998 Herring, D. Ann; Saunders, Shelley R.; and M. Anne Katzenberg. Investigating the Weaning Process in Past Populations. American Journal of Physical Anthropology, 105:425-439.
- 1997 Saunders, Shelley R.; DeVito, Carol; and M. Anne Katzenberg. Dental Caries in Nineteenth Century Upper Canada. American Journal of Physical Anthropology 104(1): 71-87.
- 1997 Katzenberg, M. Anne and Roman G. Harrison. What's in a Bone? Recent Advances in Archaeological Bone Chemistry. Journal of Archaeological Research 5(3): 265-293.
- 1996 Katzenberg, M. Anne; Herring, D. Ann and Shelley R. Saunders. Weaning and Infant Mortality: Evaluating the Skeletal Evidence. Yearbook of Physical Anthropology. Vol. 39:177-199.
- 1995 Ubelaker, Douglas H.; Katzenberg, M. Anne; Doyen, L.G. Status and diet in precontact highland Ecuador. American Journal of Physical Anthropology 97:403-411.
- 1995 Katzenberg, M. Anne; Schwarcz, Henry P.; Knyf, Martin; Melbye, F. Jerome. Stable isotope evidence for maize horticulture and paleodiet in southern Ontario, Canada. American Antiquity, 60(2): 335-350.
- 1993 Katzenberg, M. A., S.R. Saunders and W. Fitzgerald. Age differences in stable carbon and nitrogen isotope ratios in a population of prehistoric maize horticulturists. American Journal of Physical Anthropology, 90:267-281.

- 1992 Changing Diet and Health in Pre- and Proto-Historic Ontario. MASCA Research Papers in Science and Archaeology, 9:23-31.
- 1989 Stable Isotope Analysis of Archaeological Faunal Remains from Southern Ontario. Journal of Archaeological Science 16:319-329.
- 1989 Katzenberg, M. Anne and H. Roy Krouse. Application of Stable Isotopes in Human Tissues to Problems in Identification. Canadian Society of Forensic Science Journal 22:7-19.
- 1988 (invited) La Paleonutrition, une approche a l'etude de l'alimentation dans la prehistorique, suivie d'un exemple du sud de l'Ontario. Recherches Amerindiennes au Quebec, 18:1:39-48.
- 1986 (invited) Katzenberg, M. Anne and Henry P. Schwarcz. Paleonutrition in Southern Ontario: Evidence from Strontium and Stable Isotopes. Canadian Journal of Anthropology, 5:15-21.
- 1985 Schwarcz, Henry P.; F. Jerome Melbye; M. Anne Katzenberg and Martin Knyf. Stable isotopes in human skeletons of Southern Ontario: Reconstructing Paleodiet. Journal of Archaeological Science, 12:187-206.
- 1985 Pfeiffer, Susan; M. Anne Katzenberg and Marc A. Kelley. Congenital Abnormalities in a Prehistoric Iroquoian Village: The Uxbridge Ossuary Canadian Journal of Anthropology, 4:83-92.
- 1982 Sullivan, N.C. and M.A. Katzenberg. A Study of the Human Remains from the T-site, Rio Arriba County, New Mexico. The Kiva, 48:99-108.
- 1981 Katzenberg, M. Anne; Marc A. Kelley and Susan Pfeiffer. Hereditary Multiple Exostoses in a Southern Ontario Iroquois Individual. Ossa 8:109-114.
- 1979 Katzenberg, M.A. and N.C. Sullivan. A Report on the Human Burial from the Milton-Thomazi site. Ontario Archaeology, No.32, pp.27-34.
- 1979 Katzenberg, M.A. and R. White. The Os Coxae from Ossossane Ossuary: A Paleodemographic Analysis. Canadian Review of Physical Anthropology, 1:10-28.
- 1977 An Investigation of Spinal Disease in a Midwest Aboriginal Population. Yearbook of Physical Anthropology, 20:349-355.

### Obituary

- 2009 Katzenberg, M.A., Herring, D.A. and C.M. FitzGerald. Shelley Rae Saunders (1950-2008). American Journal of Physical Anthropology 140(2): 200-202.

### Commentary

- 2003 Sweet Beginnings: Stalk sugar and the domestication of maize, by J. Smalley and M. Blake, Current Anthropology December 44: 692-693.
- 1992 The Osteological Paradox: Problems of inferring prehistoric health from skeletal samples, by J.W. Wood et al., Current Anthropology 33:361.
- 1987 The Evolution of Mycobacterial Disease in Human Populations: A reevaluation, by G.A. Clark et al., Current Anthropology: 28:51-52.

### Chapters in Books

- submitted Cybulski, J.S. and M.A. Katzenberg. Bioarchaeology in Canada: Origins and Contemporary Issues, In: A global perspective on archaeological human remains: Convergence or diversity in approaches to the reconstruction of the ancient past? Ó Donnabhain, B. and Lozada, M.C. (Eds.)
- 2012 Biography of Shelley Rae Saunders (1950-2008), In: The History of Paleopathology: Pioneers and Prospects, edited by J.E. Buikstra, C.A. Roberts and S.M. Schreiner, Oxford University Press, New York and Oxford, pp. 111-118.
- 2012 The Ecological Approach: Understanding past diet and the relationship between diet and disease, In: Companion to Paleopathology, Anne Grauer (Ed.), Wiley-Blackwell, John Wiley & Sons, Inc., New Jersey pp. 97-113.
- 2012 Katzenberg, M.A. and S.R. Saunders. Life and Death of a Mother and Child in 19<sup>th</sup> Century Ontario, Canada. In: The Bioarchaeology of Individuals, A.L. Stodder and A. M. Palkovich (eds.) University Press of Florida, pp. 217-228.
- 2011 Lieverse, A.R., Stock, J.T., Katzenberg, M.A., Haverkort, C.M. The bioarchaeology of habitual activity and dietary change in the Siberian middle Holocene, In: Human Bioarchaeology of the Transition to Agriculture. Pinhasi, R. and Stock, J.T. (Eds.) Wiley-Blackwell, John Wiley & Sons, Chichester, U.K., pp. 265-291.
- 2010 Katzenberg, M.A., Bazaliiskii, V.I., Goriunova, O.I., Savel'ev, N.A. , Weber, A.W. Diet reconstruction of prehistoric hunter-gatherers in the Lake Baikal region. In: Weber, A.W., Katzenberg, M.A. and T. Schurr (editors) Prehistoric Hunter-Gatherers of the Baikal Region, Siberia. University of Pennsylvania Museum of Archaeology and Anthropology, University of Pennsylvania Press, Philadelphia, 175-191..

- 2009 Webster, Monica and M. Anne Katzenberg. Dietary Reconstruction and Human Adaptation in West Central Chihuahua. In: Celebrating Jane Holden Kelley and her Work, edited by Meade Kemrer. New Mexico Archaeological Council Special Publication No. 5, pp. 67-96.
- 2008 Stable Isotope Analysis: A Tool for Studying Past Diet, Demography and Life History. In: Biological Anthropology of the Human Skeleton, second edition. Edited by M. Anne Katzenberg and Shelley R. Saunders. Wiley-Liss, John Wiley & Sons, Inc. New York pp 413-441.
- 2006 Maize Consumption in Southern Ontario: The Great Lakes and Beyond. Chapter 19 In: Histories of Maize: Multidisciplinary Approaches to the Prehistory, Linguistics, Biogeography, Domestication, and Evolution of Maize. Edited by John E. Staller, Robert H. Tykot, and Bruce F. Benz. Elsevier Press, Amsterdam, pp. 263-273.
- 2006 Skeletal Biology: Great Lakes Area. In Handbook of North American Indians, Vol. 3 Environment, Origins, and Population; volume Editor, Douglas H. Ubelaker, Smithsonian Institution, Washington, D.C., W.C. Sturtevant, General Editor, pp. 622-629.
- 2002 American Indians: Prehistoric Indians and Historical Overview. In: Encyclopedia of Food and Culture, Editor in Chief: Solomon Katz, Charles Scribner's Sons, Vol. 1 pp. 71-75.
- 2001 Katzenberg, M.A.; Saunders, S.R. and S. Abonyi. Bone Chemistry, Food and History: A Case Study from 19th Century Upper Canada. In: Biogeo-chemical Approaches to Paleodietary Analysis in Archaeology. Edited by Stanley H. Ambrose and M. Anne Katzenberg. Plenum Press Advances in Archaeological and Museum Science, New York pp 1-22.
- 2000 Stable Isotope Analysis: A Tool for Studying Past Diet, Demography and Life History. In: Biological Anthropology of the Human Skeleton. Edited by M. Anne Katzenberg and Shelley R. Saunders. Wiley-Liss, John Wiley & Sons, Inc. New York, pp.305-327.
- 1999 Milner, George R. and M. Anne Katzenberg, Contributions of Skeletal Biology to Great Lakes Precontact History. In: Taming the Taxonomy: Toward a New Understanding of Great Lakes Archaeology, edited by R.F. Williamson and C.M. Watts, Eastendbooks, Toronto, pp. 205-217.
- 1999 Human Skeletal Remains. In: The Sand Canyon Archaeological Project: Site Testing, edited by Mark D. Varien. Crow Canyon Archaeological Center, CD format distributed by The University of Arizona Press, Tucson.



- 1995 Katzenberg, M. Anne and Pfeiffer, Susan. Nitrogen isotope evidence for weaning age in a 19th century Canadian skeletal sample. In: Bodies of Evidence: Reconstructing History through Skeletal Analysis. Edited by Anne Grauer. Wiley-Liss, New York, pp. 221-235.
- 1993 Age differences and population variation in stable isotope values from Ontario, Canada. In: Prehistoric Human Bone: Archaeology at the Molecular Level, edited by Joseph Lambert and Gisela Grupe, Springer-Verlag, Berlin pp. 39-62.
- 1993 Applications of elemental and isotopic analysis to problems in Ontario prehistory. In: Investigations of Ancient Human Tissue: Chemical Analyses in Anthropology. Edited by Mary K. Sandford. Gordon and Breach Science Publishers, New York, pp. 335-360.
- 1992 Advances in stable isotope analysis of prehistoric bones. In: Skeletal Biology of Past Peoples: Research Methods, Edited by S.R. Saunders and M.A. Katzenberg. John Wiley and Sons (Wiley-Liss, Inc.) pp. 105-120.
- 1991 Stable isotope analysis of remains from the Harvie family. In: The Links that Bind: The Harvie Family Nineteenth Century Burying Ground. Edited by Shelley Saunders and Richard Lazenby. Occasional Papers in Northeastern Archaeology, No. 5, Copetown Press, Dundas, Ontario.
- 1991 Analysis of Stable Isotopes of Carbon and Nitrogen. In: Snake Hill: An Investigation of a Military Cemetery from the War of 1812. Edited by Susan Pfeiffer and Ronald Williamson. Dundurn Press, Toronto, pp.247-255.
- 1981 Sullivan, N.C. and M. Anne Katzenberg. Assessment of the Application of model stable populations to paleodemographic data. In: Biocultural Adaptation: Comprehensive Approaches to Skeletal Analysis. Edited by: D.L. Martin and M.P. Bumsted, Department of Anthropology, Research Reports No.20, University of Massachusetts.

#### Monograph

- 1984 Chemical analysis of prehistoric human bone from five temporally distinct populations in Southern Ontario. National Museum of Man, Mercury Series, No.129 Archaeological Survey of Canada.

Edited Books

- in progress Lee Thorp, J. and M.A. Katzenberg (editors) *The Oxford Handbook of the Archaeology of Diet* (48 chapters).
- 2010 Weber, A.W., Katzenberg, M.A. and T. Schurr (editors) *Prehistoric Hunter-Gatherers of the Baikal Region, Siberia*. University of Pennsylvania Museum of Archaeology and Anthropology, University of Pennsylvania Press, 319 pp. plus DVD.
- 2008 Katzenberg, M.A. and S.R. Saunders (editors). *Biological Anthropology of the Human Skeleton, second edition*. Wiley-Liss, John Wiley & Sons, New York, 640 pp.
- 2007 Weber, A.W., Katzenberg, M.A. and O.I. Goriunova (editors) *Khuzhir-Nuge XIV, a Middle Holocene Hunter-Gatherer Cemetery on Lake Baikal, Siberia: Osteological Materials*. Northern Hunter-Gatherers Research Series No. 3, CCI Press and the Baikal Archaeological Project, 314pp.
- 2001 Ambrose, Stanley H. and M. Anne Katzenberg (editors). *Biogeochemical Approaches to Paleodietary Analysis*. Kluwer Academic / Plenum Press series, *Advances in Archaeological and Museum Science* vol. 5, 269 pp.
- 2000 Katzenberg, M.A. and S.R. Saunders (editors). *Biological Anthropology of the Human Skeleton*. Wiley-Liss, John Wiley & Sons, New York, 504 pp.
- 1992 Saunders, S.R. and M.A. Katzenberg (editors). *Skeletal Biology of Past Peoples: Research Methods*. John Wiley & Sons, 270 pp.

Published Conference Proceedings

- 2002 Polet, C. and M.A. Katzenberg. *Comportements alimentaires de trois populations médiévales belges: apports de la biogéochimie isotopique*. In: *Revue Belge de Philologie et d'Histoire: Fasc. 4. Histoire Médiévale, Moderne et Contemporaine*, pp. 1371-1390.
- 2001 *Destructive Analyses of Human Remains in the Age of NAGPRA and Related Legislation*. In: *Out of the Past: The History of Human Osteology at the University of Toronto*, edited by Larry Sawchuk and Susan Pfeiffer, CITD Press <https://tspace.library.utoronto.ca/citd/Osteology/index.html>.

- 1998 Weber, A.W. and M.A. Katzenberg. New evidence for subsistence change in the Cis-Baikal Neolithic and Early Bronze Age. In: *Sibir' v panorame tysiachiletii*, ed. V.I. Molodin, Proceedings of the International Symposium in Honour of Academician A.P. Okladnikov, p. 124-130. Novosibirsk: IAIE SO RAN. [In Russian]
- 1996 Katzenberg, M.A. and M.K. Sandford. Applications of trace mineral analysis of archaeological tissue. In: *Mummy Studies*, edited by A. Aufderheide and R. Anton, first World Conference on Mummy Studies. Santa Cruz de Tenerife: Museo Arqueologica y Ethnografico.
- 1996 Sandford, M.K. and M.A. Katzenberg. Current status of and methods for trace mineral analysis of archaeological tissue. In: *Mummy Studies*, edited by A. Aufderheide and R. Anton, first World Conference on Mummy Studies. Santa Cruz de Tenerife: Museo Arqueologica y Ethnografico.
- 1991 Katzenberg, M. A. and J.H. Kelley. Stable Isotope Analysis of Prehistoric Bone from the Sierra Blanca Region of New Mexico. Mogollon V, pp.207-219. COAS Publishing and Research, Las Cruces, New Mexico.
- 1988 Stable Isotope Analysis of Prehistoric Animal Remains and the Reconstruction of human Paleodiet. Proceedings of the 19th annual Chacmool Conference, Calgary, Alberta, B.V. Kennedy and G.M. LeMoine, editors, pp. 307-314.

#### Book Reviews

- 2011 Stable Isotope Forensics: An introduction to the forensic application of stable isotope analysis, by W. Meier-Augenstein. Wiley-Blackwell, 271 pp. *Journal of Forensic Sciences* 56(6)1673.
- 2007 *Bioarchaeology: The Contextual Analysis of Human Remains*, edited by Jane E. Buikstra and Lane A. Beck, 2006, 606 pp., reviewed in American Journal of Human Biology 19:735-739.
- 2000 *Sex and Gender in Paleopathological Perspective*, edited by Anne L. Grauer and Patricia Stuart-Macadam, Cambridge University Press, 1998, 192 pp., reviewed in American Journal of Human Biology 12(6): 840-842.
- 1995 *A Greenville Burial Ground: Human Remains and Mortuary Elements in British Columbia Coast Prehistory*, by Jerome S. Cybulski, Canadian Museum of Civilization, 1992, 251 pp., reviewed in Canadian Journal of Archaeology 19:170-173.
- 1994 *Prehistoric Cannibalism at Mancos 5MTUMR-2346*, by Tim White, Princeton University Press, 1992, 459 pp., reviewed for Plains Anthropologist 39:147:83-85.

- 1993 Human Osteology, text by Tim D. White and Illustrations by Pieter A. Folkens, Academic Press, 1991, 455 pp., reviewed for Human Biology: The International Journal of Population Biology and Genetics 65:3:509-512.
- 1991 The Chemistry of Prehistoric Human Bone. Edited by Douglas Price, Cambridge University Press, 1989, 291 pp., reviewed in American Anthropologist, 93:238-240 (refereed).
- 1990 The Anatomy and Biology of the Human Skeleton, by Gentry Steele and Claud A. Bramblett. Texas A&M University Press, College Station, Texas, 1988, 291 pp., reviewed in Human Biology: The International Journal of Population Biology and Genetics 62(4) 582-584.
- 1989 Trace Elements in Environmental History, edited by Gisela Grupe and Bernd Herrman, Springer-Verlag 174 pp., reviewed in American Journal of Physical Anthropology, 79:529-530 (refereed).
- 1988 Chemical Studies of Archaeological Bone from India: Fluorine and Fossilization Process. By R.V. Joshi and A.A. Kshirsagar, Poona, reviewed in GeoArchaeology: An International Journal 3:2:169-170 (refereed).
- 1986 The Analysis of Prehistoric Diet, edited by R.I. Gilbert and J.H. Mielke, Academic Press 1985 438 pp., reviewed in Zooarchaeological Research News 5(1) 7-11.

#### Meetings and Symposia

- 2014 Chair, Local Arrangements for the Annual meeting of the American Association of Physical Anthropologists. (Venues selected and contracts signed).
- 2009 Co-organizer (with Ph.D. student, K. Faccia), Skeletal Biology of Hunter-Gatherers. Poster Symposium at the Annual Meeting of the American Association of Physical Anthropologists, Chicago, IL April 2, 2009.
- 2009 Organizer and Programme Chair, 36<sup>th</sup> Annual Meeting of the Paleopathology Association, Chicago, Illinois, March 31, April 1, 2009.
- 2008 Organizer and Programme Chair, 35<sup>th</sup> Annual Meeting of the Paleopathology Association, Columbus, Ohio, April 7-9, 2008.
- 2007 Co-Organizer with Dr. Warren Wilson of the 36<sup>th</sup> Annual Meeting of the Canadian Association for Physical Anthropology, Banff, Alberta, Nov. 14-17, 2007
- 1994 Co-Organizer with Dr. Stanley Ambrose of the Fourth Advanced Seminar on Paleodiet, Banff, Alberta, Sept. 4-9, 1994.

- 1990 Organizer and Programme Chair of the 18th Annual Meeting of the Canadian Association for Physical Anthropology, Banff, Alberta, Nov. 28 - Dec. 1
- 1987 Organizer and Chair: Skeletal Biology session of the 15th Annual Meetings of the Canadian Association for Physical Anthropology, Toronto, Ontario, November.
- 1986 Organizers: M. Anne Katzenberg & Eric A. Roth Chair & Introduction: M.A. Katzenberg Demography: In Memory of Dr. Melissa J. Knauer Presented at the 56th Annual Meeting of the American Association of Physical Anthropology, Albuquerque.
- 1986 Organizer and Chair: Human Osteology and Odontology session of the 19th Annual Chacmool Conference, Calgary, Alberta. November.

#### Presented Papers and Posters

- 2010 Habitual activities, diet and mobility among Siberian hunter-fisher-gatherers of the mid-Holocene. (2<sup>nd</sup> author and presenter, with A. Lieverse, J. Stock and C. Haverkort). Presented at the 18<sup>th</sup> European Meeting of the Paleopathology Association, Vienna, August 22-26.
- 2010 M. Anne Katzenberg and Natalie FitzPatrick. Isotope Partitioning in freshwater fish and implications for reconstructing human paleodiet. Paper presented at the 7<sup>th</sup> Advanced Seminar on Palaeodiet, McDonald Institute for Archaeological Research, University of Cambridge, UK, 21-26 June 2010, by invitation.
- 2009 Hunter-fisher-gatherer dietary adaptations in Neolithic and Bronze Age Siberia. (1<sup>st</sup> author, with H.G. McKenzie, A.W. Weber and O.I. Goriunova). Poster presented at the Annual Meeting of the American Association of Physical Anthropologists, Chicago, IL.
- 2008 Bioarchaeology in Canada (2<sup>nd</sup> author, with S.R. Saunders). Invited paper in the session, A Global Perspective on Archaeological Human Remains: Convergence or Diversity in Approaches? Organized by B. O'Donnabhain and M. Lozada. Presented at the 73<sup>rd</sup> Annual Meeting of the Society for American Archaeology, Vancouver, B.C. March 30, 2008.
- 2007 Human Dietary Adaptations in Northern Regions. Plenary address for Ethnohistory and Archaeology of Northern Eurasia: Theory, Methods and Practice. Irkutsk, Siberia May 19-25, 2007. Sponsored by Irkutsk State Technical University and the Baikal Archaeological Project.
- 2007 Life and death of a mother and child from a 19<sup>th</sup> century pioneer cemetery in Ontario, Canada (1<sup>st</sup> author, with S.R. Saunders). Invited poster presented in the symposium "Personal Guides to Life in Antiquity: The Bioarchaeology of

- Individuals. Annual Meeting of the American Association of Physical Anthropologists. Philadelphia, PA, March 2007.
- 2007 Activity-induced dental modification in Holocene Siberian hunter-gatherers. (5<sup>th</sup> author with Ph.D. student Andrea Waters-Rist and Russian and Canadian colleagues). Poster presented at the Annual Meeting of the American Association of Physical Anthropologists. Philadelphia, PA, March 2007.
- 2006 Investigating dietary change using the hair of ancient Inca mummies from Puruchuco-Huaquerones, Peru. (2<sup>nd</sup> author, with Jocelyn Williams). Poster presented at the 75<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Anchorage, Alaska, March 2006.
- 2004 Maize Consumption in Southern Ontario: The Great Lakes and Beyond. Invited paper presented at the 69<sup>th</sup> Annual Meeting of the Society for American Archaeology (symposium: Stories of Maize). Montreal, Quebec, March 31 – April 3, 2004.
- 2004 The effects of growth velocity on stable nitrogen isotope ratios in subadult long bones (with Andrea Waters). Paper presented at the 73<sup>rd</sup> Annual Meeting of the American Association of Physical Anthropologists. Tampa, Florida, April 14 – 17, 2004.
- 2004 Breast-feeding variability in the French Modern Period: A comparison of the effects of differential social-economic status (with Estelle Herrscher, Frederique Valentin and Renee Colardelle. Paper presented at the 73<sup>rd</sup> Annual Meeting of the American Association of Physical Anthropologists. Tampa, Florida, April 14 – 17, 2004.
- 2004 Stable Isotope Ecology and Palaeodiet in Chihuahua, Mexico (with Monica Webster) Paper presented at the 37<sup>th</sup> Annual Chacmool Conference, Calgary, Alberta, November 10-13, 2004.
- 2002 Bone Chemistry on the Coastal Plain (with Robert Hard, Thomas Stafford and Mark Schurr). Poster presented at the Texas Archaeological Society Meeting, Laredo, Texas, October 26, 2002.
- 2001 Hunter-Gatherer Subsistence in the Lake Baikal Region of Siberia (with A. Weber). Paper presented at the Sixth Advanced Seminar on Paleodiet, Sept. 5 - 9, Santa Cruz, California.
- 2001 Paleodiet Reconstruction from Stable Carbon Isotopes in Bone Carbonate and Bone Collagen (with R.G. Harrison). Paper presented at the 66<sup>th</sup> Annual Meeting of the Society for American Archaeology (session in honor of Hal Krueger), April 19. New Orleans, LA

- 2000 Destructive Analyses of Human Remains in the Age of NAGPRA and Related Legislation. Paper presented at the Symposium, "The History and Future of Canadian Osteology", University of Toronto, October 25.
- 2000 Positive Identification of an Early Pioneer in Alberta (with G. Oetelaar and J. Oetelaar). Paper presented at the annual meeting of the Canadian Association for Physical Anthropology, Burlington, Ontario, October 26-28. (fuller report than AAFS paper (below), and with separate presentations by FitzGerald and Yang).
- 2000 Identification of an early pioneer from western Canada. (with C. FitzGerald, J. Oetelaar, G. Oetelaar and D. Yang). Paper presented at the 52<sup>nd</sup> Annual Meeting of the American Academy of Forensic Sciences, Reno, Nevada, February 21-26.
- 1999 Chemical Analysis of Human Remains. Paper presented at the seminar: Advances in Personal Identification in Mass Disasters, sponsored by the Smithsonian Institution and the U.S. Army Central Identification Laboratory, Honolulu, Nov. 15-19.
- 1999 Millennium Musings: Recent Trends in Skeletal Biology (with Shelley R. Saunders) Paper presented to the Annual Meetings of the Canadian Association for Physical Anthropology, St. John, NB, Nov. 1999.
- 1999 A re-examination of factors contribution to elevated stable nitrogen isotope values in infants and young children. Paper presented (by invitation) in the symposium, "Infant feeding and nutrition: new approaches to childhood health in prehistory", 68<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Columbus, Ohio, April 28 – May 1, 1999.
- 1999 M. Anne Katzenberg and Roman Harrison. Further evidence for the adoption of maize in southern Ontario using stable carbon isotopes in bone carbonate. Invited contribution to the Fryxell Symposium, Annual Meeting of the Society for American Archaeology, Chicago, March 24-28, 1999.
- 1998 Katzenberg, M.A. and N. Lovell. Stable Isotope Variation in Pathological Bone. Paper presented at the XIIth European Meeting of the Paleopathology Association, Prague – Pilsen, Czech Republic, August 26-29.
- 1997 Katzenberg, M.A., S.R. Saunders and S. Abonyi. Food and History: Stable Isotopes, Trace Elements and Diet in 19th Century Ontario. Paper presented at the 30th Annual Chacmool Conference, Calgary, Alberta, Nov. 6-9.
- 1997 Milner, George and M. Anne Katzenberg. Plenary address for the joint meetings of the Midwest Archaeological Conference and Ontario Archaeological Society, Toronto, Ontario, October.

- 1997 Stable isotope ecology and paleodiet of the Lake Baikal region of Siberia. Paper presented at the 5th Advanced Seminar on Paleodiet, Valbonne, France, Sept. 1-5.
- 1996 Stable isotope ecology and Neolithic paleodiet in the Lake Baikal Area. Paper presented at the 61st Annual Meeting of the Society for American Archaeology, New Orleans, April 10-14.
- 1995 Inferring women's subsistence tasks from bone chemistry. Paper presented at the 64th Annual Meeting of the American Association of Physical Anthropologists, Oakland, California, March 28 - April 1.
- 1995 Skeletal Evidence for Anasazi Violence in Southwestern Colorado. Paper presented at the 60th Annual Meeting of the Society for American Archaeology, Minneapolis, May 3 - 7.
- 1994 Bone chemistry, food and history: A 19th century Ontario example. Paper presented at the Fourth Advanced Seminar on Paleodiet, Sept. 4 - 9, Banff, Alberta.
- 1994 Ubelaker, Douglas H.; M. Anne Katzenberg and L.G. Doyon. Chemical evidence for status differences in precontact highland Ecuador. Paper presented at the 63rd Annual Meeting of the American Association of Physical Anthropologists, Denver, Colorado, March 29 - April 2.
- 1994 Herring, D.A.; Saunders, S.R.; Katzenberg, M.A. Multiple methods for estimating weaning age in a 19th century cemetery sample from Upper Canada. Paper presented to the 63rd Annual Meeting of the American Association of Physical Anthropologists, Denver, Colorado, March 29 - April 2.
- 1994 (invited) Stable isotopes and infant feeding practices. Invited paper presented in the Fryxell Symposium of the 59th Annual Meeting of the Society for American Archaeology, Anaheim, April 20-23.
- 1993 Katzenberg, M. Anne; Sr. Saunders and D.A. Herring. Detecting infant feeding practices in past populations. Paper presented to the 21st Annual Meeting of the Canadian Association for Physical Anthropology, St. John's, Newfoundland, October 21-21.
- 1993 Katzenberg, M. Anne and Susan Pfeiffer. Nitrogen isotope evidence for weaning age in a 19th century Canadian skeletal sample. Poster presented at the 62nd Annual Meeting of the American Association of Physical Anthropologists, Toronto, Canada, April 14-17.
- 1992 Determination of weaning age from human skeletal remains. 20th Annual Meeting of the Canadian Association for Physical Anthropology, Edmonton, Alberta, November 5-7.



- 1992 Katzenberg, M. Anne and Mary K. Sandford. Applications of trace mineral analysis of archaeological tissue. First World Mummy Conference, Santa Cruz de Tenerife, February 3-6, 1992.
- 1992 Sandford, Mary K. and M. Anne Katzenberg. Current status of and methods for trace mineral analysis of archaeological tissue. First World Mummy Conference, Santa Cruz de Tenerife, February 3-6, 1992.
- 1991 Stable isotope analyses of Amerindian and European residents of Ontario, Canada. Third Advanced Seminar on Paleodiet, Bad Homburg, Germany, September 2-6.
- 1990 Katzenberg, M.A. and S.R. Saunders. Age Differences in Stable Carbon and Nitrogen Isotope Ratios in Prehistoric Maize Horticulturists. Poster presented at the 59th Annual Meeting of the American Association of Physical Anthropologists, Miami, April 3-7.
- 1989 Smith, Jeannette, M.A. Katzenberg and J.H. Kelley. Identification of Population Differences through Stable Isotope Analysis in the American Southwest. Presented at the 17th Annual Meeting of the Canadian Association for Physical Anthropology, Vancouver, Nov. 2-4.
- 1989 Determination of Diet and Residence from Stable Isotopes. Presented at the 88th Annual Meeting of the American Anthropological Association (Invited session on Current Research in Paleonutrition: Biological, Cultural and Archaeological Perspectives) Washington, D.C., November 15-19.
- 1989 Analysis of Stable Isotopes of Carbon and Nitrogen in the Soldiers from Snake Hill, a War of 1812 Cemetery. Presented at the 29th Annual Meeting of the Northeastern Anthropological Association, Montreal, March 15-19.
- 1988 (invited) Changing Diet and Health in Pre- and Protohistoric Ontario. Presented at the 87th Annual Meeting of the American Anthropological Association, session on "Biological Approaches to Health and Life-Style Change" Phoenix, Arizona, November.
- 1988 Katzenberg, M.A. and J.H. Kelley, Stable Isotope Analysis of Prehistoric Bone from the Sierra Blanca Region of New Mexico. Mogollon Conference, Las Cruces, New Mexico, October.
- 1988 Katzenberg, M.A. and J.H. Kelley. Skeletal evidence for prehistoric diet in the American Southwest. 12th International Congress of Anthropological and Ethnological Sciences, Zagreb, Yugoslavia, July.

- 1988 Katzenberg, M.A. and Krouse, H.R. Stable Isotope Analyses of Human Tissues from Extant Populations. Poster session, 57th Annual Meeting of the American Association of Physical Anthropologists, Kansas City, Mo., March.
- 1988 Stable isotope Analysis of human and faunal bone from southern Ontario. Presented at the Rubey Colloquium: Isotopic Approaches to the Prehistoric Human Condition: Paleodiet and Paleoclimate, University of California, Los Angeles, March.
- 1987  $\delta^{13}\text{C}$  in human collagen: Contributions from plants and animals. Presented at the 15th Annual Meeting of the Canadian Association for Physical Anthropology, Toronto, Ontario, November.
- 1987 Katzenberg, M.A. and H.R. Krouse. Forensic Applications of Stable Isotope Analysis. 11th meeting of the International Association of Forensic Sciences, Vancouver, B.C. August.
- 1987 Katzenberg, M.A. and S. Champagne, Recent Trends in Skeletal Analysis. Poster session, Canadian Archaeological Society, Annual Meeting, Calgary, Alberta. April.
- 1986 Stable Isotope Analysis of Prehistoric Animal Remains and the Reconstruction of Human Paleodiet. 19th Annual Chacmool Conference, Calgary, Alberta, November 1986.
- 1985 Katzenberg, M.A., F.J. Melbye & H.P. Schwarcz. Further Analysis of Stable Isotopes in the Prehistoric Peoples of Southern Ontario. Paper Presented at the 13th Annual Meeting of the Canadian Association for Physical Anthropology, Thunder Bay, Ontario, December 1985.
- 1984 Katzenberg, M. A. and H.P. Schwarcz, Dietary change in Southern Ontario Prehistory: evidence from strontium and stable isotopes of carbon and nitrogen. Paper presented at the 53rd annual meeting of the American Association of Physical Anthropology, Philadelphia.
- 1984 Schwarcz, Henry P.; F.J. Melbye; M. Anne Katzenberg and Martin Knyf. Stable Isotope Studies of paleodiet in Southern Ontario, Canada. Archaeometry '84, Sponsored by the Smithsonian Institution, Washington, D.C.
- 1983 Schwarcz, Henry P., M. Anne Katzenberg, Martin Knyf, F. Jerome Melbye. Maize consumption in Southern Ontario: Evidence from stable carbon isotopes. Paper presented at the XIth International Congress of Anthropological and Ethnological Sciences, Vancouver, August 1983.

- 1983 Chemical analysis of bone applied to regional problems in paleonutrition. Paper presented at the 52nd annual meeting of the American Association of Physical Anthropology, Indianapolis, Indiana.
- 1983 Katzenberg, M.A., Marc A. Kelley and Susan Pfeiffer. Hereditary Multiple Exostoses in an individual from a Southern Ontario Iroquois population. Paper presented at the annual meeting of the Paleopathology Association, Indianapolis, Indiana.
- 1982 X-Ray fluorescence analysis of prehistoric bone from Southern Ontario. Presented at the 10th annual meeting of the Canadian Association for Physical Anthropology, Guelph, Ontario, November.
- 1981 Incidence and severity of tibial periostitis in prehistoric Ontario agriculturists. Paper presented at the 9th annual meeting of the Canadian Association for Physical Anthropology, Banff, Alberta.
- 1980 Melbye, F.J. and M.A. Katzenberg. Gravestone data from an Ontario cemetery: Applications to Paleodemography. Paper presented at the 8th Annual Meeting of the Canadian Association for Physical Anthropology, Ottawa.
- 1979 Sullivan, N.C. and M.A. Katzenberg. An Assessment of the Application of Model Stable Populations to Paleodemographic Data. Presented at the 19th Annual Meeting of the Northeastern Anthropological Association, Henniker, New Hampshire.
- 1976 An investigation of spinal disease in a Midwest Aboriginal Population. Presented at the 45th Annual Meeting of the American Association of Physical Anthropology, St. Louis, Missouri.

#### Invited Lectures

- 2011 Northern hunter-gatherer diet reconstruction. Medicine Hat – Archeological Society of Alberta, Invited lecture, March 16.
- 2010 Dietary adaptations of northern hunter-gatherers with a focus on Lake Baikal. Invited Lecture, Department of Anthropology, Ohio State University, February 4.
- 2008 Hunter-Gatherer Dietary Adaptations in Northern Regions. Invited Lecture, Department of Anthropology, Boise State University, March 3, 2008.
- 2007 Seminar and Workshop on Stable Isotope Methods of investigating past diet. Department of Anthropology, University of Auckland, February 2007, by invitation, sponsored by ISAT and the Royal Society of New Zealand.
- 2004 In Search of Past Diets. Annual Taft Lecture, Department of Anthropology, University of Cincinnati, November 1.

- 2004 The Skeletal Biology of Past Peoples with a focus on diet and health. Paper presented at the University of Massachusetts, Amherst, Mass. The Future of Physical Anthropology, March 27, 2004.
- 2001 Observations on our preoccupation with diet. Keynote address, Department of Anthropology, University of New Mexico Graduate Student Symposium, March 1, Albuquerque, New Mexico.
- 2000 Recent advances in archaeological applications of stable isotope analysis. Isotope Research Seminar series, University of Calgary, February 11.
- 1998 Where have all the bodies gone? Archaeological, Historical and Forensic Research in Cochrane (with G. Oetelaar). Archaeological Society of Alberta, Oct. 14. (Also presented to Department of Archaeology, University of Calgary, noon lecture series).
- 1997 Stable isotope ecology and palaeodiet in the Lake Baikal Region of Siberia. Visiting Speaker Series, Department of Anthropology, University of Alberta, December 5. (Also presented to Department of Archaeology, University of Calgary, noon lecture series).
- 1997 Archaeological Bone Chemistry and Paleodiet. Anthropology Spring Lecture Series, University of Northern British Columbia, March 13.
- 1992 Isotopes, Diet and the Spread of Agriculture in Eastern North America. Anthropology Lecture Series, Department of Anthropology, University of California, Santa Barbara, February 20.
- 1991 The Reburial Issue. Annual Meeting of the Canadian Science Writers, Calgary, June 1.
- 1990 What is Forensic Anthropology? Presented at "Medical Examiners Update '90 - A Symposium on Sudden Death Investigations", Calgary, March 18-21.
- 1988 A Look at Prehistoric Diet and Disease, Workshop for Science writers, presented at "Bridging the Gap, Science and the Media, a conference for scientists and journalists", Calgary, September 22-24.
- 1987 Applications of Stable Isotope Analyses in Pre-History and Forensic Science. Sigma Xi, University of Calgary Chapter, November 26.
- 1987 The Role of the Forensic Anthropologist. Presented at the Office of the Chief Medical Examiner, Annual Open House.

- 1987 Applications of Stable Isotopes to the Reconstruction of Human Paleodiet. Seminar in Archaeometry, Department of Anthropology, University of Alberta.
- 1987 Chemical Analysis of Bone and the Reconstruction of Human Diet. Visiting Speakers Series, Department of Anthropology, University of Alberta.
- 1985 Chemical composition of bone and Paleodiet reconstruction. Lecture presented to the Archaeology department, University of Calgary, Calgary, Alberta, March 7.
- 1984 The use of strontium as a dietary indicator in prehistoric human bones. Presented in the Anthropology Lecture Series, McMaster University, March 6.
- 1983 Elemental and isotopic analysis of prehistoric human bone from Southern Ontario. Lecture presented to the Anthropology department, National Museum of Natural History, Smithsonian Institution, Washington, D.C., September 22.
- 1978 Katzenberg, M.A. and N.C. Sullivan. A Preliminary Report on the Albion Burial I. Presented at the Toronto Academy of Medicine, Section of Medical Archaeology and Anthropology, May Meeting.

#### OFFICES AND MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

##### Offices Held in Professional Organizations

- 2010 – present Associate Editor, International Journal of Paleopathology.
- 2008-2011 Member of the Executive Committee, American Association of Physical Anthropologists
- 2008-2010 Chair (2010) and Member of Committee 16 (Anthropology and Archaeology) Social Sciences and Humanities Research Council of Canada.
- 2008 Grant review panel – Health, Economics and Demography, National Institute of Health, U.S.A.
- 2007-2009 Vice-President, Paleopathology Association.
- 2004 – 2005 Chair, Electorate Nominating Committee, Section on Anthropology (H), American Association for the Advancement of Science.
- 2002 – 2004 Member of the Electorate Nominating Committee, Section on Anthropology (H), American Association for the Advancement of Science.
- 2001 - 2007 Member of the Editorial Board, Yearbook of Physical Anthropology.
- 2001-2002 Member of the Nominations Committee, American Association of Physical Anthropologists
- 1999 – 2002 Member of the program committee, American Association of Physical Anthropologists.
- 1998 – present Member of the Editorial Board (Collaborator), Anthropologie: International Journal of the Science of Man (Brno, Czech Republic).
- 1995 - 2000 Associate Editor, American Journal of Physical Anthropology.
- 1993 - 1996 President, Canadian Association for Physical Anthropology.
- 1991 - 1993 Chair of Committee 6 (Archaeology) Review Panel, Social Sciences and Humanities Research Council of Canada; 1992-1993; Member of Committee 6, 1991-92.

- 1990 President, University of Calgary Chapter of Sigma Xi, the Scientific Research Society.
- 1989 President-Elect, University of Calgary Chapter of Sigma Xi, The Scientific Research Society.
- 1989 American Association of Physical Anthropologists, Student Affairs Committee.

Memberships:

American Association for the Advancement of Science  
 American Association of Physical Anthropologists  
 Canadian Association for Physical Anthropology  
 Paleopathology Association  
 Royal Society of Canada, Academy II  
 Sigma Xi, The Scientific Research Society (President: 1990-1991)  
 Society for American Archaeology  
 Society for Archaeological Science  
 American Academy of Forensic Sciences

Teaching

Graduate Courses

**Human Osteology** - Graduate students in the Department of Archaeology are required to have a course in human osteology as an entrance requirement and must take this course if they have not had a previous human osteology course. Gross and microscopic anatomy of the hard tissues; identification of archaeological skeletal remains; techniques in identification and population reconstruction and application of this knowledge to reconstruction of past cultures.

**Advanced Topics in Human Osteology and Odontology** - Seminar in which applications of various techniques for advanced analysis of human skeletal and dental remains are discussed.

**Stable Isotope Methods in Archaeology** – Seminar on development and advance of methods to investigate past diet, climate and migration using stable isotope methods.

Undergraduate Courses: September 1985 - present

**Introduction to Physical Anthropology** - A survey course covering the six subdisciplines of physical anthropology.

**Human Variation and Adaptation** - Intermediate level human genetics and the interaction of biological, physiological and cultural adaptation in diverse human populations.

**Problems in Hominid Evolution** - A lecture (6 weeks) and seminar (6 weeks) course on the fossil evidence for human evolution including discussion of research in biochemical evolution.

**Problems in Paleopathology and Paleonutrition** - A seminar course covering prehistoric health and disease with a focus on the interaction of cultural practices and human adaptation in varying environments as reflected in the skeletal record.

**Human Osteology** - Methods of studying prehistoric human skeletal remains including properties of bone, sex and age determination and population reconstruction.

Masterclass

**Sciences and Technology in Asian Bio-archaeological Research** – International Institute for Asian Studies, Leiden, the Netherlands (Organized by Dr. Rethy Chhem) December 8-10, 2005.

## GRADUATE STUDENT AND POST-DOCTORAL SUPERVISION

### Post-Doctoral Fellows

- Caroline Polet 1/99 – 5/99 Sponsored by the International Federation of University Women and on leave from the Royal Belgian Institute of Natural Sciences.
- Caroline Haverkort 2000 – 2005 Sponsored under our MCRI research grant, based at the University of Alberta.
- Estelle Herrscher 1/03 – 8/03 Sponsored by Fysen Foundation of France.

### Ph.D. students:

#### **Supervisor**

- Nicole Engel (5/10 – present)
- Cynthia Kwok (9/07 – present)
- Andrea Waters-Rist (1/02 – 8/11) Prehistoric population relationships and health among prehistoric hunter-gatherers from Lake Baikal, Siberia. (Currently Assistant Professor, University of Leiden, Netherlands).
- Kate Faccia (1/05- 12/11) A Histomorphometric Analysis of Cortical Bone: Age changes and activity patterns in prehistoric Lake Baikal hunter-gatherers.(currently post-doctoral fellow, University of Cambridge).
- Jocelyn Williams (9/00 – 8/05) Diet and Mobility During the Inca-Period of the Central Peruvian Coast: An Isotopic Analysis Using Multiple Tissues. (Currently Assistant Professor, Trent University).
- Tamara Varney (9/96 – 9/03) Tracing the Life Histories of Caribbean Slave Populations through Bone Chemistry and Paleodiet. (Currently Associate Professor, Lakehead University).
- Sandra Garvie-Lok (9/95 - 10/01) Diet and Health in the Byzantine/Ottoman Aegean Area. (Currently Associate Professor, University of Alberta as of 7/03).
- Gillian Crane (9/93 – 11/00) The Paleoepidemiological Examination of Treponemal Infection and Leprosy in Medieval Populations from Northern Europe. Graduated Nov. 2000. (Currently Instructor – SUNY Plattsburgh).
- Roman Harrison (9/93 – 11/00) Paleodiet studies using stable isotopes from bone apatite and collagen. Graduated Nov. 2000. (Currently Instructor – University of Calgary and Mount Royal University).

#### **Co-Supervisor**

- David Cooper (9/00 – 10/05) (with Benedikt Hallgrímsson, Faculty of Medicine) Analysis of cortical bone porosity using micro-computed tomography. (Currently Canada Research Chair, Department of Cell Biology and Anatomy, University of Saskatchewan).
- Denise Ens (7/02 – present) (with Owen Beattie, University of Alberta, Department of Anthropology) Reconstruction of Diet in Ancient China.

#### **Committee member**

- Katherine E. Willmore (2000 – 2006) Variability in the Mammalian Skull: The Relationship between Canalization, Developmental Stability and Morphological Integration. Department of Medical Science, Faculty of Medicine, University of Calgary; defended May 12, 2006.
- Elizabeth Arnold (9/01 – 8/06) Regional mobility of domestic herds and their implication for understading subsistence and settlement within the Thukela River Valley. (Post-doctoral fellow, University of Illinois, Champagne/Urbana).
- Matthew Boyd (1997 – 2000) Paleobotany on the Northern Plains. Candidacy Exam completed June 1998. (Assistant Professor, Lakehead University).

Dan Meyer	(1994 - 1999) Community Organization in the prehistoric American Southwest. Graduated 1999. (Lifeways of Canada).
Brenda Kennedy	Variation of $\delta^{13}\text{C}$ Values of Post-Medieval Europeans: Implications for Diet Reconstruction, Ph.D., University of Calgary. (12/85-12/88).
Patrick Carmichael	Nazca Mortuary Customs, Ph.D., University of Calgary (7/88-9/88).
Kodzo Gavua	Style in Mafa Material Culture, Ph.D., University of Calgary (9/87 - 5/90).
Susan Langley	(9/85 - 1/88).
Ann Herring	(University of Toronto, 1984-85)
Moheb Sheban	(University of Toronto, 1984-85)

Committee Member: External to Archaeology

Andrew Paul	(1998) Population Ecology – Department of Biological Sciences. Candidacy Examination completed January 1998.
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M.A. students:

**Supervisor**

C. Kathrynne Curtis	(9/08 – present) Diet and health: Links between the present and the past
Anastasia Antonova	(9/07 – present) Childhood morbidity in prehistoric Siberia: Evidence from dental microstructure.
Nicole Engel	(9/06 – 5/10) Stable isotope variation in western Canadians: Forensic identification (Currently enrolled in Ph.D. programme, University of Calgary Department of Archaeology).
Andrea Waters	(9/99 – 6/02) Stable isotope variation in growth and development. Graduated November 2002. Currently Ph.D. student, University of Calgary Department of Archaeology.
Monica Webster	(9/97 – 8/01) Stable isotope ecology in northern Mexico. Graduated November 2001. Currently employed in contract archaeology).
Milan Gillespie	(9/95 – 4/98) Health at the North Coast Site of Puemape During the Peruvian Formative Period. Graduated 1999. (Currently Instructor, Mount Royal University).
Sylvia Abonyi	(9/90 - 6/93) The Effects of Processing on Stable Isotope Levels and Mineral Concentration in Foods: Implications for Paleodietary Reconstruction. M.A. 6/93. (Currently Canada Research Chair (Tier 2) and Associate Professor, College of Medicine, University of Saskatchewan.)
Sandra Garvie	(9/89 - 6/93) Stable Carbon Isotope Analysis of Human Bone Collagen from Fidler Mounds, Manitoba: An Investigation of Maize Consumption. M.A. 6/93. (Currently Associate Professor, University of Alberta).
Noreen Willows	(9/87 - 6/91) A Comparison of Two Methods for Estimating Age at Death from Bone Microstructure. M.A. 6/91. (Currently Assistant Professor, Department of Nutrition, University of Alberta.)
Dennis Mueller	(9/85 - 6/89) Bone Preservation from Archaeological Sites in West Central Africa. M.A. 6/89.
Mark Bostock	(University of Toronto) M.A. completed 6/86 (exam option).

**Committee member**

Hugh Middleton	(1998) The Utility of Geographic Information Systems for the Intrasite Spatial Analysis of Complex Archaeological Sites.
Neil McKinnon	(7 /85 - 12/86) Paleoenvironments and Cultural Dynamics at Head-Smashed-In Buffalo Jump, Alberta: The Carbon Isotope Record.

**External Examiner**

Ph.D.



- Jacqueline Craig Stable Isotope Analysis of Prehistoric Human and Commensal Diet on Aitutaki, Southern Cook Islands. Department of Anthropology, University of Auckland. May 2008.
- Estelle Herrscher "Contribution de l'analyse paleoepidemiologique et paleobiogeochemique a la connaissance de la sante et de l'alimentation a la fin du Moyen Age. La population de Saint-Laurent de Grenoble (XIIIeme -XVeme siecles, France)". National d'Histoire Naturelle, UMR Institut de Paleontologie Humaine, Paris, France. April 2001.
- Tracy Prowse Stable Isotope Analysis of the Isola Sacra skeletal sample. Ph.D. McMaster University, Department of Anthropology, June 2001.
- Margaret Judd Trauma and Interpersonal Violence in Ancient Nubia during the Kerma Period (ca. 2500 – 1500 B.C.). Ph.D. University of Alberta, Department of Anthropology, August 2000.
- M.A./ M.Sc.  
Fiona Clayton Weaning Patterns in the Later Stone Age, as Reconstructed through Nitrogen Isotope Analyses of the Skeletons from Matjes River Rock Shelter. M.Sc. Department of Archaeology, University of Cape Town (March 2003).
- Sandra Jasinowski Evolutionary Morphology of the Theropod Scapulocoracoid. M.Sc. Department of Biological Sciences, University of Calgary (May 2003).
- Matthew Vickaryous Skull Morphology of the Ankylosuria. M. Sc. Department of Biological Sciences, University of Calgary, (Jan. 2001).
- James Loudon Diet, Activity and Ranging Behavior of *Alouatta pigra* in Monkey River, Belize. M.A. University of Calgary, Department of Anthropology, (April 2000).
- Lisa Diane McGregor Locomotor Morphology of *Anolis*: Comparative investigation of the design and function of the subdigital adhesive system. M.Sc. University of Calgary, Department of Biological Sciences, (Nov. 1999).
- Glenda Cox Cobern Street Burial Ground: Investigating the identity and life histories of the underclass of eighteenth century Cape Town. M.A. Department of Archaeology, University of Cape Town, Cape Town, South Africa.
- Rebecca Godkin-Feasby Stable Isotope Analysis of Human Remains from Tell Leilan, Syria. M.A. University of Alberta, Department of Anthropology. (December 1997).
- Janice James Pre- and Post-Parturition Thermoregulation in Free-Ranging Female Eastern Short-Horned Lizards (*Phrynosoma douglassii brevirostre*) in Southern Alberta. M.Sc. University of Calgary, Department of Biological Sciences, June 1997.
- Lingjian Guo Stable Isotope Analyses of Human Hair. M.Sc. University of Calgary, Department of Physics and Astronomy, April 1996.
- Craig LaMarsh Post-Conflict and Stress Behaviors in Japanese Macaques. M.A. University of Calgary, Department of Anthropology, June 1995.
- Sherry Norman The Relationship between Aggression and Mating Success in Male Japanese Macaques (*Macaca fuscata*). M.A. University of Calgary, Department of Anthropology, August 1994.
- Marnie Bartell Palaeopathology of Cranial Remains from Predynastic Nagada, Egypt. M.A. University of Alberta, Department of Anthropology. June 1994.
- Kim M. Dibble Food-Dependent Aggregation, Mobility and Dynamics of *Ceriodaphnia dubia* and *Daphnia pulex*. M.Sc. University of Calgary, Department of Biological Sciences, August 1993.
- Tanya Hooker The Effects of Manitol and Abscisic Acid on the Growth of Tomato Roots. M.Sc. University of Calgary, Department of Biological Sciences, September 1995.

Elke I. Tenor                      Metrical Features of Papio Hair, M.A. University of Calgary, Department of Anthropology, February 1987.

### UNIVERSITY SERVICE

#### Administrative Appointments

2011 – present	Associate Vice President (Research), University of Calgary
2001 - 2006	Head, Department of Archaeology, University of Calgary
2000 – 2002	President's Advisor on Women's Issues
1988 - 1991	Assistant Dean (Student Affairs) Faculty of Social Sciences.

#### University Committees

2010-2011	Search Committee – Vice-President Academic (GFC representative)
2010-2011	SUPPORT – VP Research committee for reviewing large grants
2010-2011	Killam Awards Committee
2009	Academic Appointment and Review Committee, Faculty of Engineering, External member.
2004 - 2005	Search Committee, Departments of Philosophy and Religious Studies, position in ethics.
2003 – 2005	Head's Forum Advisory Committee
2002	Headship selection committee, Department of Music
2001	Advisory Review Committee, Dean of Science (Elected member).
2001	Headship selection committee, Department of Philosophy.
2001	Search Committee, Department of Greek, Latin and Ancient History, Social Historian
1999 – 2000	Search Committee, Department of Music, Musicologist/Ethnomusicologist.
1999 2000	Member of Faculty Association Bargaining Team
1996 - 1998	General Promotions Committee
1997 - 1998	Advisory Selection Committee, VP Academic and Provost, University of Calgary (Elected member).
1997	Search Committee, Departments of Physics and Astronomy, Stable Isotope Physicist
1997	Search Committee, Department of Geology and Geophysics, Geophysicist.
1997	Search Committee, Department of Biological Sciences, Community/Ecosystem Ecologist (Dean's representative).
1997	Stage 1 Scholarly Inquiries Committee (Social Work)
1996 - 1997	The Striking Committee of General Faculties Council
1994 - 1997	University Senate, GFC Representative.
	Honorary Degrees Committee (subcommittee of Senate), Member
1993 - 1997	General Faculties Council, Member
1992 - 1995	Editorial Board, University of Calgary Press, Member
1989 - 1991	Committee on Admissions and Transferability, Member
1988 - 1989	General Faculties Council Library Committee Member
1986 - 1988	Faculty Association Discipline Representative
1986 - 1990	Faculty Association Status of Women Committee Member

#### Faculty of Social Sciences/ Arts (as of 2010)

2009 – 2010	Staff Affairs Committee
2001-2006	Faculty Promotions Committee
2000-2001	Ad hoc Planning committee

1997	Selection committee - Chair of American Studies
1996	Stage 1 Scholarly Inquiries Committee.
1995	Selection committee - Chair of Ethnic Studies
1995	Selection committee - Industrial and Organizational Psychology
5/89 - 9/89	Acting Head, Department of Archaeology
1988 - 1989	Chairman, Social Sciences Library Advisory Committee, Committee member, 1/86-7/88.
1986 - 1987	Chairman, Faculty of Social Sciences Appeals Committee
1985 - 1986	Vice Chairman/Recording Secretary
1987 - 1988; 1992 - 1994	Member, Faculty of Social Sciences Appeals Committee
1988 - 1990	Executive Council Member

#### Departmental Committees

2000-01	Search committee, Arctic Archaeology
4/98 - 1/99	Chair, Selection Committee, Physical Anthropology
1993 - present	Curriculum Committee
1993 - 1994	Undergraduate Advisor
1988 - 1990	Graduate Admissions Committee
1988 - 1990	Chairman, Space Committee
1986 - 1989	Reading Room Coordinator
1986	Faculty Advisor, Chacmool Conference on Diet and Subsistence.
1986 - 1987	Curriculum Committee

#### OTHER PROFESSIONAL ACTIVITY

New Programme	Along with other Biological Anthropologist colleagues, we developed a new graduate programme in Biological Anthropology at the University of Calgary, beginning 2005 (participating departments are: Cell Biology and Anatomy, Anthropology and Archaeology).
External Reviewer	Department of Anthropology, University of Winnipeg, by invitation of the Dean, Faculty of Social Sciences I was one of a two-person committee asked to review the program (2003).
External Reviewer	Program in Anthropology, University of Northern British Columbia, by invitation of the VP (Academic) I was one of a two-person committee asked to review the program (1999).
External Reviewer	Department of Archaeology, Simon Fraser University, by invitation of the VP (Academic). I was one of a three-member committee asked to review undergraduate and graduate programmes (1998).
External Reviewer	Department of Anthropology, University of Western Ontario by invitation of the Dean of Social Sciences, I was asked to review undergraduate and graduate programmes in linguistics, archaeology, social/cultural anthropology and bioarchaeology (existing as well as proposed programmes), and to review the head of department and make a recommendation regarding reappointment. A report (28 pp.) was submitted (1992).
Consultant:	Office of the Chief Medical Examiner of Alberta. I am called in as consultant on cases where identification depends, in part, on examining skeletal remains (55 reports from 1985-2012). I also work with the office on workshops and educational materials. Case work includes old burials

(prehistoric and historic), recently deceased individuals who have been scavenged or exposed to the elements, fire cases and burials exposed during building activity.

Consultant:

Archaeological Survey of Alberta. I am called in as consultant to evaluate human burials and advise on further excavation of sites containing human remains.