
Jane E. Buikstra

Arizona State University, School of Human Evolution and Social Change

Rm 233, Tempe, AZ 85287-2402

Phone: 480-965-6931 • Fax: 480-965-7671 • buikstra@asu.edu

EDUCATION

DePauw University, B.A. (Anthropology)	1967
University of Chicago, M.A. (Anthropology)	1969
University of Chicago, Ph.D. (Anthropology)	1972

AWARDS:

McMahan Scholar, Alpha Lambda Delta, DePauw University	1963-1967
Phi Beta Kappa, DePauw University	1967
National Science Foundation Graduate Fellowship	1967-1970
Student Advisory Board, Teaching Award, Northwestern University	1981
National Academy of Sciences, elected	1987
Gerrit Heinrich Kroon Memorial Lecture, University of Amsterdam	
Harold H. Swift, Distinguished Service Professor University of Chicago	1989-1995
National Association of Student Anthropologists, AAA, Service Award	1991
Sherwood Washburn Memorial Lecture, University of California, Berkeley, Department of Anthropology	1993
Distinguished Professor of Anthropology University of New Mexico (UNM)	1995-2000
Loren Eiseley Society Lecturer, University of Pennsylvania Museum of Anthropology	1997
Leslie Spier Distinguished Professor of Anthropology University of New Mexico	2001-2005
UNM General Library Award for Research Achievement	2002
George E. Burch Fellow in Theoretic Medicine and Affiliated Sciences at the Smithsonian Institution	2003-2007
Annual Research Lecturer, University of New Mexico	2003
Pomerance Award for Scientific Contributions to Archaeology, Archaeological Institute of America	2005
Fulbright Senior Specialist Candidate	2004-2007
Honorary Professor, Department of Archaeology, University of Durham, UK	2005-2008
Institute of Advanced Study Distinguished Fellowship, University of Durham, UK	2007
American Academy of Forensic Sciences, Physical Anthropology Section	2008

T. Dale Stewart Award
 Charles R. Darwin Lifetime Achievement Award, American Association of Physical Anthropologists 2008

ACADEMIC EMPLOYMENT:

Teaching Assistant, Department of Anthropology
 University of Chicago 1968-1969
 Instructor, Northwestern University 1970-1972
 Assistant Professor, Northwestern University 1972-1976
 Associate Professor, Northwestern University 1976-1982
 Associate Dean for Studies, Northwestern University 1981-1984
 Research Associate, Field Museum of Natural History 1981-1990
 Research Associate, Museum of the American Indian 1983-1986
 Professor, Northwestern University 1982-1986
 School of American Research, Resident Scholar 1984-1985
 Professor, University of Chicago 1986-1995
 Committees: Human Nutrition and Nutritional
 Biology; Evolutionary Biology
 Research Associate, University of Chicago 1995-
 Professor, University of New Mexico 1995-2005
 Interim Chair, Spring Semester, 1998
 Adjunct Professor of Anthropology,
 Washington University 1986-
 Research Associate, University of Florida 1991-1997
 Research Associate in Anthropology,
 Field Museum of Natural History 2003-2008
 Research Associate, National Museum of Natural History 2005-2009
 Adjunct Professor of Anthropology, University of New Mexico 2005-
 Professor of Bioarchaeology and Director, Center for
 Bioarchaeological Research, Arizona State University 2005-

RESEARCH GRANTS:

National Science Foundation, Predoctoral
 Research Grant GS-2831 1969-1970
 Hinds Fund, University of Chicago 1970-1971
 Committee on Evolutionary Biology
 Bio-Medical Sciences Support Grant FR7028-05, 1971
 National Institute of Health
 National Science Foundation Grant GS-41242 1974-1976
 Consultant in Prehistoric Human Biology
 National Science Foundation Grant GS-42969 1974-1976
 A Paleobiological Perspective on the Hopewell
 "Decline", Principal Investigator
 Northwestern University Summer Research Grant 1974-1985
 Wenner-Gren Foundation, Bio-Archaeological Research 1978-1979
 Wenner-Gren Foundation, Spinal Pathology in
Australopithecus africanus 1983
 National Science Foundation, Latin American Program,
 Division of International Programs: Archaeological
 Research on Marajo Island, Brazil, Co-principal 1983-1984

Investigator	
National Science Foundation Grant BNS83-18587 Cementum Annulation and Age Determination in <u>Homo Sapiens</u> , Co-principal Investigator	1984-1985
National Geographic Society, Gatas Project (Spain) Consultant in Physical Anthropology, Dr. Robert Chapman, Principal Investigator	1986-1989
National Endowment for the Humanities RO-21541-87 Consultant in Physical Anthropology, Shiqmim Project (Israel) Dr. Thomas E. Levy, Principal Investigator	1987-1989
National Science Foundation Grant BNS88-06389 Carbon Isotope Analysis in the Prehistoric Midcontinent: A Perspective on Agricultural Intensification, Principal Investigator	1988-1989
National Science Foundation Grant ESI-8955622 Archaeology and the Natural Sciences, Co-principal Investigator	1990-1992
National Science Foundation Grant BNS89-20769 Chiribaya: A Biocultural Approach to the Study of a Prehistoric Andean Polity, Principal Investigator	1990-1993
National Science Foundation Grant BNS-9110734 Improvement in the Condition and Management of the Records at the Kampsville Archaeological Center, Co-principal Investigator	1991-1993
National Science Foundation Grant ESI-9155027 Archaeology and the Natural Sciences, Co-principal Investigator	1992-1994
National Science Foundation Grant ESI-9352983 Archaeology and the Natural Sciences, Co-principal Investigator	1994-1995
National Science Foundation Grant SBR-9321377 Prehispanic Alpaca and Llama Production on the South Coast of Peru, Co-principal Investigator	1994-1996
National Science Foundation Grant ESI-9552910 Archaeology and the Natural Sciences, Co-principal Investigator	1996-1997
National Science Foundation Grant SBER-9708001 Strontium Isotope Analysis and Prehistoric Residential Change, Co-principal Investigator	1997-2000
National Science Foundation Grant SBR-9732417 Consultant in Research for Undergraduates, Site in Physical Anthropology: Preparing Students for Science Careers: Research Experiences and Socialization through Osteological Analyses and Scientific Visualization of Human Skeletal Remains, Co-principal Investigators M. K. Sanford and G. Kissling	1998-2001
National Science Foundation, Doctoral Dissertation Research (Supervisor): BNS77-04095 DeRousseau BNS79-06052 Gordon BNS79-19489 Pickering BNS85-15371 Bullington BNS87-17590 Williams BNS91- 527744 Wright SBR-9319784 Begley SBR-9910504 Rakita BCS-0221962 Lewis BCS-0242941 Nystrom BCS0034849 Wilbur BCS-0336402 East	

BCS 0654011 King	
BCS 0646781 Kohn	
National Geographic Society Grant Early Copan Acropolis Project	1997-2000
Illinois Department of Transportation Grants for the following projects:	
Elizabeth Mound Group	1974,1979-1981
Kuhlman Mound Group	1979-1981
Alexander Mound Group	1979
Jo Daviess County Site Jd-111	1979
Gauwitz Mound Group	1980
Illinois Historic Preservation Agency, The Mound House site	1994
Federal Emergency Management Agency / Grafton, Illinois:	
The Grafton Cemetery Project	1995-1999
Ahau Foundation: Isotope Studies at Copan	2002-2004
Foundation for the Advancement of MesoAmerican Studies, Inc:	
Radiography at Copan	2002-2004
National Science Foundation Archaeometry Grant 041347	2004-2006
Human Migration in Ancient Mesoamerica	
National Science Foundation	2006-2008
Human Migration in Ancient Mesoamerica II, Co-principal Investigator	
National Science Foundation The Evolutionary History of Tuberculosis:	2006-2009
An ancient DNA approach, Co-principal Investigator	
Wenner-Gren Foundation for Anthropological Research, Inc. International Collaboration	2006-2008
Research Grant "Age and Dynasty in Ancient Maya Society."	

FIELD EXPERIENCE:

North American Midwest, 18 Projects, 1966-
Canadian Arctic, 1 Project, 1969
Argentina, Santa Fe la Vieja, 1980-1982, 1984, 1987
Brazil, Marajo Expedition, 1983-1986
Peru, Programa Contisuyu, 1984-
Spain, Gatas Expedition, 1986-
Turkey, Çayönü Tepesi, 1988
Honduras, 1995-

PUBLICATIONS:

Monographs/Books

Jane E. Buikstra and Lynne Goldstein. Perrins Ledge Crematory: Analysis and Interpretation of a Complex Crematory Site. Illinois State Museum Reports of Investigations, No. 28. Illinois Valley Archaeological Program Research Papers, Vol. 8. (1973).

Jane E. Buikstra. Hopewell in the Lower Illinois River Valley: A Regional Approach to the Study of Biological Variability and Mortuary Activity. Northwestern University Monograph, No. 2. (1976).

Jane E. Buikstra, ed., Prehistoric Tuberculosis in the Americas. Author of two substantive chapters: Chapter 1 "An Historical Introduction" and Chapter 10 (with D.C. Cook) "Pre-Columbian Tuberculosis in West-Central Illinois: Prehistoric Disease in Biocultural Perspective." Northwestern University Archeological Program Research Paper (1981). Translated and published in serial form as "La Tuberculosis Prehistorica en las Americas." In Revista Argentina de Tuberculosis. Enfermedades Pulmonares y Salud. Vol. 47, 48, 49, and 50. (1986-1989).

Ted Rathbun and Jane E. Buikstra, eds., Human Identification: Case Studies in Forensic Anthropology. Co-editor and senior author of one chapter: "The Case of the Severed Skull: Individuation in Forensic Anthropology." Charles C. Thomas. (1984).

Douglas K. Charles, Stephen Leigh and Jane E. Buikstra, eds., The Archaic and Woodland Cemeteries of the Elizabeth site in the Lower Illinois Valley. Kampsville Archaeology Center, Research Series, Volume 7. (1988).

Jane E. Buikstra and George R. Milner. Fifty Years of Research at Dickson Mounds. Illinois State Museum. (1989).

Jane E. Buikstra, ed., A Life in Science: Papers in Honor of J. Lawrence Angel. Author of two chapters: "Introduction" (with L. M. Hoshower) and "A Case of Juvenile Rheumatoid Arthritis from Pre-Columbian Peru" (with A. Poznanski, M.C. Lozada, P. Goldstein, and L. Leuschner). Biological Anthropology Unit of the American Anthropological Association, by the Center for American Archaeology. (1990).

Jerome C. Rose, Susan Anton, Arthur Aufderheide, Jane E. Buikstra, L. Eisenberg, et al. Paleopathology Association Skeletal Database Committee Recommendations. Paleopathology Association, Detroit. (1991). Translated and published as Asociación de Paleopatología Recomendaciones del Comité para la Base de Datos de Restos Osteos. (1994) and "Recommandations du Comité 130es Squelettiques en Paléopathologie." In Lésions Ostéo-Archéologiques Recueil et Identification. (1994).

Jane E. Buikstra and Douglas Ubelaker, eds., Standards for Data Collection from Human Skeletal Remains: Proceedings of a Seminar at the Field Museum of Natural History. Arkansas Archaeological Survey Press, Fayetteville. (1994).

Jane E. Buikstra, Douglas K. Charles and Gordon F. M. Rakita. Staging Ritual: Hopewell Ceremonialism at the Mound House Site, Greene County, Illinois. Kampsville Studies in Archeology and History, No. 1. Center for American Archeology. (1998).

Jane E. Buikstra, ed., Never Anything So Solemn: An Archaeological, Biological and Historical Investigation of the 19th Century Grafton Cemetery. Author of four chapters: 1. Introduction; 2. Historic Bioarchaeology and the Beautification of Death; 3. A Matter of Life and Death I: Disease, Medical Practice, and Funerals; and 9. Summary and Conclusions; Coauthor of one chapter: (Houdek, Buikstra, Stojanowski) 7. Skeletal Biology. Kampsville Studies in Archeology and History, No. 3. Center for American Archeology. (2000).

Maria Cecilia Lozada and Jane E. Buikstra. El Señorío de Chiribaya en la Costa Sur del Perú. Instituto de Estudios Peruanos, Lima-Peru. (2002).

Charlotte A. Roberts and Jane E. Buikstra. The Bioarchaeology of Tuberculosis: A Global View on a Reemerging Disease. University Press of Florida. (2003).

Gordon F.M. Rakita, Jane E. Buikstra, Lane A. Beck, and Sloan R. Williams, eds., Interacting with the Dead: Perspectives on Mortuary Archaeology for the New Millennium. University Press of Florida. Author or coauthor of three chapters: Chapter 1, pp. 1-11: Gordon, F.M. Rakita, and Jane E. Buikstra "Introduction; Chapter 5, pp. 66-80: Jane E. Buikstra, Maria Cecilia Lozada Cerna, Paula Tomczak, and Gordon Rakita "Chiribaya Political Economy: A Bioarchaeological Perspective; Chapter 12, pp. 97-106: Gordon F.M. Rakita, and Jane E. Buikstra. "Corrupting Flesh: Reexamining Hertz's Perspective on Mummification and Cremation" (2005).

Douglas K. Charles and Jane E. Buikstra, eds., Recreating Hopewell. University Press of Florida. (2006). Co-author of one chapter, Chapter 1: Introduction by D. K. Charles and J. E. Buikstra. (2006).

Jane E. Buikstra and Lane A. Beck, eds., Bioarchaeology: The Contextual Study of Human Remains. Senior editor and author of Chapter 1: An Historical Introduction; Chapter 15: Repatriation: Challenges and Opportunities; co-author of O. M. Pearson and Jane E. Buikstra, Chapter 8: Behavior and the Bones Mary Lucas Powell, Della Collins Cook, Georgiann Bogdan, Jane E. Buikstra, Mario M. Castro, Patrick D. Horne, David R. Hunt, Richard T.

Koritzer, Sheila Ferraz Mendonça de Souza, Mary Kay Sandford, Laurie Saunders, Glauca Aparecida Malerba Sene, Lynne Sullivan, and John J. Swetnam Chapter 7 Invisible Hands: Women in Bioarchaeology. Elsevier Press, Inc. (2006)

Debra Komar and Jane E. Buikstra Forensic Anthropology: Contemporary Theory and Practice. Oxford University Press (2007).

Roberts, C., M. Lucas Powell, and J. Buikstra, eds. Papers in Honour of Aidan and Eve Cockburn from the Paleopathology Association Meeting, Durham 2004. International Journal of Osteoarchaeology, 17: 327-391 (2007).

Rakita, Gordon F. M. and Jane E. Buikstra, eds. An Archaeological Perspective on Ritual, Religion, and Ideology from American Antiquity and Latin American Antiquity (Reader). Co-author of introductory chapter: Rakita, G. F. M. and J. E. Buikstra. "Feather Waving or The Numinous?: Archaeological Perspectives on Ritual, Religion, and Ideology." Washington, DC: SAA Press (2008).

Articles/Chapters

Jane E. Buikstra. "Healed Fractures in *Macaca mulatta*: Age, Sex and Symmetry." Folia Primatologica 23:140-148. (1975).

Charles D. McLaughlin, Joseph B. Lambert, Ann Magennis, and Jane E. Buikstra. "X-ray Fluorescence Analysis of a Glaze-like Skeletal Coating from the Helton Site." Transactions. Illinois State Academy of Science 68(3):315-319. (1975).

Jane E. Buikstra. "The Caribou Eskimo: General and Specific Disease." American Journal of Physical Anthropology 43:350-368. (1976).

Jane E. Buikstra. "Biocultural Dimensions of Archeological Study: A Regional Perspective." In Biocultural Adaptation in Prehistoric America, Robert L. Blakely, ed., Southern Anthropological Society Proceedings, No.11. pp. 67-84. (1977).

Jane E. Buikstra. "Differential Diagnosis: An Epidemiological Model." Yearbook of Physical Anthropology [1976] pp. 316-328. (1977).

Carol B. Szpunar, Joseph B. Lambert, and Jane E. Buikstra. "Analysis of Excavated Bone by Atomic Absorption." American Journal of Physical Anthropology 48(2):199-202. (1978).

James M. Cheverud and Jane E. Buikstra. "A Study of Intragroup Biological Change Induced by Social Group Fission in *Macaca mulatta* Using Discrete Cranial Traits." American Journal of Physical Anthropology 48(1):41-76. (1978).

Jane E. Buikstra. "The Foods of Early Man in North America: Biological Costs and Benefits." In Nutrition in Transition: Proceedings, Western Hemisphere Nutrition Congress V. P. White and N. Selvey, eds., American Medical Association. pp. 297-304. (1978).

Jane E. Buikstra and Della C. Cook. "Pre-Columbian Tuberculosis: An Epidemiological Approach." MCV Quarterly 14(1):32-33. (1978).

James M. Cheverud, Jane E. Buikstra, and Elizabeth Twichell. "Relationships Between Non-Metric Skeletal Traits and Cranial Size and Shape." American Journal of Physical Anthropology 50(2):191-198. (1979).

Joseph B. Lambert, Carole B. Szpunar, and Jane E. Buikstra. "Chemical Analysis of Excavated Human Bone from Middle and Late Woodland Sites." Archaeometry 21:115-129. (1979).

- Della C. Cook and Jane E. Buikstra. "Health and Differential Survival in Pre-historic Populations: Prenatal Dental Defects." American Journal of Physical Anthropology 51:649-664. (1979).
- Jane E. Buikstra. "Contributions of Physical Anthropologists to the Concept of Hopewell: A Historical Perspective." Chapter 28. In Hopewell Archaeology: The Chillicothe Conference. D.S. Brose and N'omi Greber, eds., Kent State University Press. pp. 220-233. (1979).
- Jane E. Buikstra and Claire C. Gordon. "Individuation in Forensic Study: Decapitation," Journal of Forensic Sciences 25:246-259 (1980).
- Jane E. Buikstra and Della C. Cook. "Palaeopathology: An American Account." Annual Review of Anthropology 9:433-470. (1980). Portuguese translation: "Paleopatologia." In Paleopatologia & Paleoepidemiologia: Estudos Multidisciplinares, Adauto José Gonçalves de Araujo and Luiz Fernando Ferreira, coordenadores. ENSP, Rio de Janeiro. pp. 41-86. (1992).
- Jane E. Buikstra. "Epigenetic Distance: A Study of Biological Variability in the Lower Illinois River Region." In Early Native Americans, David L. Browman, ed., Mouton Press, The Hague. pp. 271-299. (1981).
- Claire C. Gordon and Jane E. Buikstra. "Soil pH, Bone Preservation and Sampling Bias at Mortuary Sites." American Antiquity 46:566-571. (1981).
- James M. Cheverud and Jane E. Buikstra. "Quantitative Genetics of Skeletal Nonmetric Traits in the Rhesus Macaques on Cayo Santiago. I: Single Trait Heritabilities." American Journal of Physical Anthropology 54:43-49. (1981).
- James M. Cheverud and Jane E. Buikstra. "Quantitative Genetics of Skeletal Nonmetric Traits in the Rhesus Macaques of Cayo Santiago. II: Phenotypic, Genetic, and Environmental Correlations Between Traits." American Journal of Physical Anthropology 54:51-58. (1981).
- Jane E. Buikstra. "Mortuary Practices, Palaeodemography, and Palaeopathology: A Case Study from the Koster Site (Illinois)." In The Archaeology of Death. Robert Chapman, Ian Kinnes, and Klaus Randsborg, eds., Cambridge University Press. pp. 123-132. (1981).
- Jane E. Buikstra. "Diet and Disease in Prehistory: New Directions." In Current Directions in Midwestern Archaeology: Selected Papers from the Mankato Conference, Occasional Publications in Minnesota Anthropology No. 9. Minnesota Archaeological Society, St. Paul. pp. 56-62. (1981).
- Jane E. Buikstra and Claire C. Gordon. "The Study and Restudy of Human Skeletal Series: The Importance of Long-Term Curation." Annals of the New York Academy of Sciences 376:449-465. (1981).
- James M. Cheverud and Jane E. Buikstra. "Quantitative Genetics of Skeletal Nonmetric Traits in the Rhesus Macaques on Cayo Santiago. III: Relative Heritability of Skeletal Nonmetric and Metric Traits." American Journal of Physical Anthropology 59:151-155. (1982).
- Della C. Cook, Jane E. Buikstra, C. Jean DeRousseau, and D. Carl Johnson. "Vertebral Pathology in the Afar Australopithecines." American Journal of Physical Anthropology 60:83-102. (1983).
- Joseph B. Lambert, Sharon M. Vlasak, Anne C. Thomet, and Jane E. Buikstra. "A Comparative Study of the Chemical Analysis of Ribs and Femurs in Woodland Populations." American Journal of Physical Anthropology 59:289-294. (1982).
- Douglas K. Charles and Jane E. Buikstra. "Archaic Mortuary Sites in the Central Mississippi Drainage: Distribution, Structure, and Behavioral Implications." In Archaic Hunters and Gatherers in the American Midwest, Chapter 7, pp.

117-145 J. L. Phillips and J. A. Brown, eds., Academic Press. (1983).

Joseph B. Lambert, Sharon V. Simpson, Jane E. Buikstra, and Douglas Hanson. "Electron Microprobe Analysis of Elemental Distribution in Human Femurs." American Journal of Physical Anthropology 62(4): 409-423. (1983).

Joseph B. Lambert, Sharon V. Simpson, Jane E. Buikstra, and Douglas K. Charles. "Analysis of Soil Associated with Woodland Burials." In Advances in Chemistry Series #205. American Chemical Society, Washington, D.C. pp. 97-116. (1984).

Bruce Bradtmiller and Jane E. Buikstra. "Effects of Burning on Human Bone Microstructure: A Preliminary Study." American Journal of Forensic Sciences 29:535-540. (1984).

Janet W. McGrath, James M. Cheverud, and Jane E. Buikstra. "Genetic Correlations between Sides and Heritability of Asymmetry for Nonmetric Traits in Rhesus Macaques on Cayo Santiago." American Journal of Physical Anthropology 64:401-412. (1984).

Joseph B. Lambert, Sharon V. Simpson, Carol B. Szpunar, and Jane E. Buikstra. "Copper and Barium as Dietary Discriminants: The Effects of Diagenesis." Archaeometry 26:131-138. (1984).

Joan Richtsmeier, James Cheverud, and Jane E. Buikstra. "The Relationship between Cranial Metric and Non-Metric Traits in the Rhesus Macaques from Cayo Santiago." American Journal of Physical Anthropology 64:213-222. (1984).

Joseph B. Lambert, Sharon V. Simpson, Carole B. Szpunar, and Jane E. Buikstra. "Ancient Human Diet from Inorganic Analysis of Bone," Accounts of Chemical Research 17:298-305. (1984).

Jane E. Buikstra. "The Lower Illinois River Region: A Prehistoric Context for the Study of Ancient Health and Diet." In Paleopathology at the Origins of Agriculture. Mark N. Cohen and George Armelagos, eds., Academic Press. pp. 215-234. (1984).

Jane E. Buikstra and James H. Mielke. "Demography, Diet, and Health." In The Analysis of Prehistoric Diets. R. I. Gilbert and J. H. Mielke, eds., Orlando: Academic Press. pp. 359-422. (1985).

Jane E. Buikstra and Lyle Konigsberg. "Paleodemography: Critiques and Controversies." American Anthropologist 87:316-333. (1985).

Jane E. Buikstra, Lyle Konigsberg, and Jill Bullington. "Fertility and the Development of Agriculture in the Prehistoric Midwest." American Antiquity 51:528-546. (1986).

Jane E. Buikstra. "The Skeletal Biology of Prehistoric Illinois People." In Illinois Archaeology. Illinois Archaeological Survey, Bulletin No. 1, revised. pp. 109-118. (1985).

Joseph B. Lambert, Sharon V. Simpson, Susan G. Weiner and Jane E. Buikstra. "Induced Metal-Ion Exchange in Excavated Human Bone." Journal of Archaeological Science 12:85-92. (1985).

Joseph B. Lambert, Sharon V. Simpson, C. B. Szpunar, and Jane E. Buikstra. "Bone diagenesis and dietary analysis." Journal of Human Evolution 14: 477-482. (1985).

Douglas K. Charles, Jane E. Buikstra, and Lyle Konigsberg. "Behavioral Implications of Terminal Archaic and Early Woodland Mortuary Practices in the Lower Illinois Valley." In Early Woodland Archaeology. K. Farnsworth and T. Emerson, eds., Center for American Archaeology Press. pp. 458-474. (1986).

Jane E. Buikstra. "Paleobiologie et archeologie: Travaux Recents," Nouvelles de l'Archeologie 22:40-47. (1986).

- Douglas K. Charles, Keith Condon, James M. Cheverud, and Jane E. Buikstra. "Cementum Annulation and Age Determination in *Homo sapiens*. I. Tooth Variability and Observer Error." *American Journal of Physical Anthropology* 71:311-320. (1986).
- Keith Condon, Douglas K. Charles, James M. Cheverud, and Jane E. Buikstra. "Cementum Annulation and Age Determination in *Homo sapiens*. II. Estimates and Accuracy." *American Journal of Physical Anthropology* 71:321-330. (1986).
- Jane E. Buikstra, Jill Bullington, Douglas K. Charles, Della C. Cook, Susan Frankenberg, Lyle Konigsberg, Joseph B. Lambert, and Liang Xue. "Diet, Demography, and the Development of Horticulture." In *Emergent Horticultural Economies of the Eastern Woodlands*. W. Keegan, ed., Occasional Paper of the Center for Archaeological Investigations, Southern Illinois University. pp. 67-85. (1987).
- Douglas B. Hanson and Jane E. Buikstra. "Histomorphological alteration in buried human bone from the Lower Illinois Valley: Implications for Paleodietary Research." *Journal of Archaeological Science* 14:549-63. (1987).
- Jane E. Buikstra, William Autry, Emanuel Breitburg, Leslie Eisenberg, and Nikolaas van der Merwe. "Diet and Health in the Nashville Basin: Human Adaptation and Maize Agriculture in Middle Tennessee." In *Diet and Subsistence: Current Archaeological Perspectives. Proceedings of the 19th Annual Chacmool Conference*. Brenda V. Kennedy and Genevieve M. LeMoine, eds., Department of Archaeology, University of Calgary. pp. 243-259. (1988).
- Jane E. Buikstra. "The Mound Builders of Eastern North America: A Regional Perspective." Albert Egges van Giffen Instituut voor Prae- en Protohistorie, Universiteit van Amsterdam. (1988).
- Sloan R. Williams, Jane E. Buikstra, Niki R. Clark, Maria Cecilia Lozada Cerna and Elva Torres Pino. "Mortuary Site Excavations and Skeletal Biology in the Osmore Project." In *Ecology, Settlement and History in the Osmore Drainage*. Don S. Rice and Charles Stanish, eds., BAR, Oxford. pp. 329-346. (1989).
- Peter T. Bürgi, Sloan R. Williams, Jane E. Buikstra, Niki R. Clark, Maria Cecilia Lozada Cerna and Elva Torres Pino. "Aspects of Mortuary Differentiation at the Site of Estuquiña, Southern Peru." In *Ecology, Settlement and History in the Osmore Drainage*. Don S. Rice and Charles Stanish, eds., BAR, Oxford. pp. 347-369. (1989).
- Jane E. Buikstra, Susan Frankenberg, Joseph Lambert, and Liang Xue. "Multiple Elements--Multiple Expectations." In *Bone Biochemistry and Past Behavior*. D. Price, ed., Cambridge University Press, School of American Research Seminar Series. pp. 155-210. (1989).
- Joseph B. Lambert, Liang Xue, and Jane E. Buikstra. "Physical Removal of Contaminative Inorganic Material from Buried Human Bone." *Journal of Archaeological Science* 16:1-11. (1989).
- G. N. Van Vark, P. G. M. van der Sman, J. Dijema, and Jane E. Buikstra. "Some Multivariate Tests for Differences in Sexual Dimorphism Between Human Populations." *Annals of Human Biology* 16:301-310. (1989).
- Lyle W. Konigsberg, Jane E. Buikstra, and Jill Bullington. "Paleodemographic Correlates of Fertility: A Reply to Corruccini, Brandon, and Handler and to Holland." *American Antiquity* 54:626-636. (1989).
- Douglas K. Charles, K. Condon, James M. Cheverud, and Jane E. Buikstra. "Estimating age at death from growth layer groups in cementum." In *Age Markers in the Human Skeleton*, Mehemet Yasar Iscan, ed. Charles C. Thomas Pub., Springfield, Illinois (1989).
- Jane E. Buikstra. "Sumario de la Investigacion de Restos Humanos de Omo, Moquegua, y San Gerónimo, Ilo." In *Trabajos Arqueologicos en Moquegua, Peru, Vol. II*, L. K. Watanabe, M. E. Moseley, y F. Cabieses, Compiladores. Programa Contisuyu del Museo Peruano de Ciencias de la Salud y Southern Peru Copper Corporation, Lima, Peru, pp. 59-67 (1989).

Don S. Rice, Geoffrey W. Conrad, and Jane E. Buikstra. "Investigaciones en Estuquiña, Descripciones Preliminares 1985-1986." In Trabajos Arqueologicos en Moquegua, Peru, Vol. III, L. K. Watanabe, M. E. Moseley, y F. Cabieses, Compiladores. Programa Contisuyu del Museo Peruano de Ciencias de la Salud y Southern Peru Copper Corporation, Lima, Peru, pp. 39-93 (1989).

Sloan R. Williams, Niki R. Clark, and Jane E. Buikstra. "Excavaciones en los Cementerios de Estuquiña, Moquegua, Sur de Perú." In Trabajos Arqueologicos en Moquegua, Peru, Vol. III, L. K. Watanabe, M. E. Moseley, y F. Cabieses, Compiladores. Programa Contisuyu del Museo Peruano de Ciencias de la Salud y Southern Peru Copper Corporation, Lima, Peru, pp. 95-122 (1989).

J. E. Buikstra, P. Castro, R. W. Chapman, N. Gale, P. Gonzalez Marcen, A. Grant, M. Jones, V. Lull, M. Picaso, R. Risch, M. E. Sanahuja, and S. Stos-Gale. "Proyecto Gatas. II Fase: Informe Preliminar del Estudio de los Materiales," Anuario Arqueológico de Andalucía, 1988. (1989).

Jane E. Buikstra and Mark Swegle. "Bone Modification Due to Burning: Experimental Evidence." In Bone Modification, R. Bonnichsen and M. Sorg, eds., Center for the Study of the First Americans, Orno, Maine, pp. 247-258 (1989).

Joseph Lambert, Jane Weydert, Sloan Williams, and Jane E. Buikstra. "Comparison of Methods for the Removal of Diagenetic Material in Buried Bone," Journal of Archaeological Science 17:453-368 (1990).

Jane E. Buikstra, Susan R. Frankenberg, and Lyle W. Konigsberg. "Skeletal Biological Distance Studies in American Physical Anthropology: Recent Trends." American Journal of Physical Anthropology 82(1):1-8 (1990).

Sloan R. Williams and Jane E. Buikstra. "Los Restos Humanos de Estuquiña, Valle de Moquegua," Gaceta Arqueológica Andina 18/19:125-129 (1990).

Jane E. Buikstra and George R. Milner. "Isotopic and Archaeological Interpretations of Diet in the Central Mississippi Valley," Journal of Archaeological Science 18(3):319-330 (1991).

Joseph Lambert, Liang Xue, and Jane E. Buikstra. "Inorganic analysis of excavated human bone after surface removal," Journal of Archaeological Science 18(3):363- 384 (1991).

J. E. Buikstra, P. Castro Martínez, R. W. Chapman, P. Gonzalez Marcen, L. Hoshower, V. Lull, M. Picaso, R. Risch, and E. Sanahuja YII. "La Necropolis de Gatas" Anuario Arqueológico de Andalucía, 1990. (1991).

Jane E. Buikstra. "Out of the Appendix and into the Dirt: Comments on Ten Years of Bioarcheological Research." In What Mean These Bones? Studies in Southeastern Bioarchaeology, M. L. Powell, A. M. Mires, and P. Bridges, eds., University of Alabama Press, Tuscaloosa, pp. 172-188 (1991).

T. Levy, D. Alon, P. Goldberg, C. Grigson, P. Smith, A. Holl, J. E. Buikstra, S. Shatev, S. Rosen, S. Ben Itzhak, A. Ben Yosef. "Protohistoric Investigations at the Shiqmim Chalcolithic Village and Cemetery: Interim Report on the 1987 Season," BASOR Supplement 27 (1991).

Jane E. Buikstra and Sloan Williams. "Tuberculosis in the Americas: Current Perspectives." In Human Paleopathology: Current Syntheses and Future Options, Donald J. Ortner and Arthur C. Aufderheide, eds., Smithsonian Institution Press, Washington DC, pp. 161-172 (1991).

Jane E. Buikstra, Jerome Rose, and George R. Milner. "A Carbon Isotopic Perspective on Dietary Variation in Late Prehistoric Western Illinois." In Agricultural Origins and Development in the MidContinent, W. Green, ed. Report No. 19, Office of the State Archaeologist, Iowa City, Iowa (1992).

Jane E. Buikstra. "Prehistoric Human Diseases in the Americas." In: The History and Geography of Human

Disease, Kenneth F. Kiple, ed., Part 5. The History of Human Disease in the World Outside Asia, Cambridge University Press, pp. 305-317 (1992).

Jane E. Buikstra “Diet and Disease in Late Prehistory.” In Disease and Demography in the Americas: Changing Patterns before and after 1492, J. Verano and D. Ubelaker, eds., Smithsonian Institution Press, Washington DC, pp. 87-101 (1992).

Claire Gordon and Jane E. Buikstra “Linear Models for the Prediction of Stature from Foot and Boot Dimensions.” Journal of Forensic Sciences 37 (3) 771-782 (1992).

Jane E. Buikstra, Brenda J. Baker, and Della C. Cook, “What Diseases Plagued Ancient Egyptians? A Century of Controversy Considered.” In: W. Vivian Davies and Roxie Walker, Editors, Biological Anthropology and the Study of Ancient Egypt. British Museum Press, London, pp. 24-53 (1993).

Jonathon E. Ericson and Jane E. Buikstra “The Examination and Analysis of the Remains of Christopher Columbus and Family: Research Design.” In Atti del Congresso Internazionale «Dai feudi monferrini e dal Piemonte ai nuovi mondi oltre gli Oceani» Alessandria, 2-6 aprile 1990, Publication #27 of Biblioteca Della Società di Storia Arte e Archeologia per le Province di Alessandria e Asti, Mario Viora ,ed., pp. 445-486 (1993).

A.L.W. Springfield, Arthur C. Aufderheide, Jane E. Buikstra, and J. Ho. “Cocaine and Metabolites in the Hair of Ancient Peruvian Coca Leaf Chewers.” Forensic Science International 63:269-275 (1993).

Wilmar L. Salo, Arthur C. Aufderheide, Jane E. Buikstra, and Todd A. Holcomb, “Identification of *Mycobacterium tuberculosis* DNA in a Pre-Columbian Peruvian Mummy. Proceedings of the National Academy of Sciences 91:2091-2094 (1994).

Thomas E. Levy, David Alon, Paul Goldberg, Caroline Grigson, Patricia Smith, Jane E. Buikstra, Augustin Holl, Yorke Rowan, and Pamela Sabari “Protohistoric Investigations at the Shiqmim Chalcolithic Village and Cemetery: Interim Report on the 1988 Season” In William G. Dever, Editor Preliminary Excavation Reports: Sardis, Paphos, Caesarea Maritima, Shiqmim, Ain Ghazal, American Schools of Oriental Research, pp.87-106 (1994).

Jane E. Buikstra and Lisa M. Hoshower, “Análisis de os restos humanos de la necrópolis de Gatas.” In Proyecto Gatas: Sociedad y Economía en el Sudeste de España C.2500-900 cal ANE, P. Castro Martínez et al., Memona ineditz, 6 vols., presentada a la consciencia de Cultura de la Junta de Andalucía, Seville, pp.339-403, (1994).

Larry W. Cartmell, Arthur C. Aufderheide, Angela Springfield, Jane E. Buikstra, Bernardo Arriaza, Cheryl Weems. “Análisis Radio-Immunológicos de Cocaína en Cabello de Momias del Sur de Perú y Norte de Chile.” Chungara 26(1):125-136. (1994).

Larry W. Cartmell, Arthur C. Aufderheide, Angela Springfield, Jane E. Buikstra, Bernardo Arriaza, Cheryl Weems. “Radioimmunoassay for Cocaine in Mummy Hair to Determine Antiquity and Demography of Coca Leaf Chewing Practices in Southern Peru and Northern Chile.” Eres (Arqueología) 5 (1) 83-95. (1994).

Lisa M. Hoshower, Jane E. Buikstra, Paul S. Goldstein, and Ann D. Webster. “Artificial cranial deformation at the Omo M10 site, a Tiwanaku complex from the Moquegua Valley, Peru” Latin American Antiquity 6 (2)145-164 (1995).

J. Buikstra, P. Castro, R. W. Chapman, P. Gonzalez Marcen, L. Hoshower, V Lull, R Micó, M. Picazo, R. Risch, M. Ruiz, M E. Sanahuja YII. “Approaches to Class Inequalities in the Later Prehistory of South-East Iberia: the Gatas Project.” In The Origins of Complex Societies in Late Prehistoric Iberia, K. T. Lillios, ed., International Monographs in Prehistory, Ann Arbor, Michigan. pp.153-168 (1995).

Jane E. Buikstra. “Tombs for the Living . . . or For the Dead: The Osmore Ancestors. In Tombs for the Ancestors, T. Dillehay, ed., Dumbarton Oaks Research Library and Collection, Washington, D.C. pp. 229-280 (1995).

Lyle W. Konigsberg and Jane E. Buikstra, "Regional Approaches to the Investigation of Past Human Biocultural Structure." In Regional Approaches to Mortuary Analysis, Lane Beck, ed. Plenum Press, New York, pp. 191-219 (1995).

Jane E. Buikstra, "Paleodemography: Context and Promise." In Integrating Archaeological Demography: Multidisciplinary Approaches to Prehistoric Population, Richard R. Paine, ed. Center for Archaeological Investigations, Occasional Paper No. 24, Carbondale, IL. Chapter 19, pp. 367-380. (1997).

Jane E. Buikstra, "Studying Maya Bioarchaeology." in Bones of the Maya: Studies of Ancient Skeletons, Steve Whittington and D. M. Reed, eds., Smithsonian Press, pp. 221-228 (1997).

Arthur C. Aufderheide, Bruce Ragsdale, Jane E. Buikstra, Frederick Ekberg, and Tuyethoa N. Vinh. "Structure of the Radiological 'Sunburst' Pattern as Revealed in an Ancient Osteosarcoma," Journal of Paleopathology, 9 (2): 101-106 (1997).

Deborah E. Blom, Benedikt Hallgrímsson, Linda Keng, Maria C. Lozada C., and Jane E. Buikstra. "Tiwanaku 'Colonization': Bioarchaeological Implications for Migration in the Moquegua Valley, Peru" World Archaeology 30 (2) 238-261 (1998).

Jane E. Buikstra. "Los Cementerios de Chiribaya y Estuquiña. In Moquegua: Los Primeros 12.000 Años, K. Wise, ed., Moquegua: Museo Constituyente pp. 91-101 (1998).

Jane E. Buikstra and Douglas K. Charles. "Centering the Ancestors: Cemeteries, Mounds and Sacred Landscapes of the North American Midcontinent." In Archaeologies of Landscape: Contemporary Perspectives, W. Ashmore and B. Knapp, eds. Oxford (UK), Blackwell Publishers Ltd, Chapter 9, pp.201-228 (1999).

Paula D. Tomczak and Jane E. Buikstra. "Analysis of Blunt Trauma Injuries: Vertical Deceleration Versus Horizontal Deceleration Injuries," Journal of Forensic Sciences, 44(2) 253-262 (1999).

Jane E. Buikstra and Margaret K. Maples. "The Life and Career of William R. Maples, Ph.D." Journal of Forensic Sciences, 44(4) 677-681 (1999).

Jane E. Buikstra. "Paleoepidemiology of Tuberculosis in the Americas." In Tuberculosis Past and Present, G. Palfi, O. Dutour, J Deak, and I. Hatas, eds., pp. 479-494 Szeged: Golden Book Publishers/Budapest: Tuberculosis Foundation (1999).

Jane E. Buikstra. "Overview - Human Paleobiology- Then and Now" In Handbook of Archaeological Sciences. D.R. Brothwell and A.M. Pollard, eds., John Wiley & Sons pp.203-209 (2001).

Etty Indriati and Jane E. Buikstra. "Coca Chewing in Prehistoric Peru: Dental Evidence." American Journal of Physical Anthropology 114 (3) 242-257 (2001).

Karl J. Reinhard, Jane E. Buikstra, and Arthur C. Aufderheide. Diphyllobothriasis in Prehistoric Chile and Peru. University of Nebraska-Lincoln. <<http://www.unl.edu/Reinhard/chinch.html> (2001).

Douglas K. Charles and Jane E. Buikstra. "Siting, Sighting and Citing the Dead" In The Space and Place of Death. Silverman, H and D Small (editors) Archaeological Papers of the American Anthropological Association, No 11, Chapter 2, pp. 13-25. Arlington, VA: American Anthropological Association (2002).

Julieann Van Nest, Douglas K. Charles, Jane E. Buikstra, and David L. Asch. "Sod Blocks in Illinois Hopewell Mounds." American Antiquity 66 (4):633-650 (2001).

Deborah Blom, John W. Janusek and Jane E. Buikstra. "A Re-evaluation of Human Remains from Tiwanaku: Cultural Modification of Bone from Akapana and Akapana East" In Tiwanaku and Its Hinterland. Alan L. Kolata, ed., Smithsonian Press, Vol II, Chapter 18 (2002).

Alicia Wilbur, Jane E. Buikstra, and Christopher Stojanowski. "Mycobacterial Disease in North America: an epidemiological test of Chaussinand's cross-immunity hypothesis." In The Past and Present of Leprosy: Archaeological, historical, palaeopathological, and clinical approaches. C. A. Roberts, M. E. Lewis and K. Manchester, eds., Archaeopress: BAR International Series 1054, Oxford, England, pp. 247-258 (2002).

Jane E. Buikstra "Forensic Anthropology Today." General Anthropology Division Newsletter. 9(1):1-6. American Anthropological Association, Washington, D.C. (2002).

Kelly Knudson, T. Douglas Price, Jane E. Buikstra, and Deborah Blom. "Strontium isotope analysis and migration in the South Central Andes: Tiwanaku colonization of the Moquegua Valle." In Proceedings of the 33rd International Symposium on Archaeometry, H. Kars (ed.), pp. 477-482. Geological and Bioarchaeological Studies, Vrije Universiteit, Amsterdam (2003).

Lynne Goldstein and Jane E. Buikstra. "A Nineteenth Century Rural Irish Cemetery in McDonough County, Illinois" In An Upper Great Lakes Archaeological Odyssey: Essays in Honor of Charles E. Cleland, William A. Lovis, ed., Cranbrook Institute of Science (2003).

Jane E. Buikstra, Jason L. King, and Kenneth C. Nystrom "Forensic Anthropology and Bioarchaeology in the *American Anthropologist* : Rare but Exquisite Gems." American Anthropologist 105 (1): 38-52 (2003).

D. Komar and Jane E. Buikstra "Differential Diagnosis of a Prehistoric Biological Object from the Koster (Illinois) Site." International Journal of Osteoarchaeology 13(3): 157-164 (2003).

Charolotte A. Roberts and Jane E. Buikstra "The History of Tuberculosis from the Earliest Times to the Development of Drugs" In Clinical Tuberculosis, 3rd Edition, P.D.O. Davies, ed., Chapter 1, pp. 3-20. Arnold: London. (2003).

Jane E. Buikstra and Kenneth C. Nystrom. "Embodied Traditions: The Chachapoya and Inka Ancestors." In Theory, Method, and Practice in Modern Archaeology. R. J. Jeske and D. K. Charles, eds., Chapter 3, pp. 29-48. Praeger Publishers: Westport (2003).

Jane E. Buikstra, Kenneth Nystrom, and Sonia Gullien. "Chachapoyas Dry Bones and Inka Mummies: When Did Death Occur?" In Mummies in a New Millennium: Papers from the 4th World Congress on Mummy Studies. Nuuk, Greenland, September 4th to 10th, 2001. N. Lynnerup, C. Andreassen, and J. Berglund, eds. Greenland National Museum and Archives, Danish Polar Center: Copenhagen, pp. 158-161 (2003).

Karl J. Reinhard, and Jane E. Buikstra. "Louse Infestation of the Chiribaya Culture, Southern Peru: Variation in Prevalence by Age and Sex." Memorias de Instituto Oswaldo Cruz 98 (Suppl. 1):173-179. (2003).

E. Martinson, Karl J. Reinhard, Jane E. Buikstra, and K. Dittmar. "Pathoecology of Chiribaya Parasitism." Memorias de Instituto Oswaldo Cruz 98 (Suppl. 1):195-205. (2003).

Stanley H. Ambrose, Jane Buikstra, and Harold W. Krueger. "Status and Gender Differences in Diet at Mound 72, Cahokia, Revealed by Isotopic Analysis of Bone" Journal of Anthropological Archaeology 22:217-226 (2003).

Kelly Knudson, T. Douglas Price, Jane E. Buikstra, and Deborah Blom. "The use of strontium isotope analyses to investigate Tiwanaku migration and mortuary ritual in Bolivia and Peru." Archaeometry. (2004).

Jane E. Buikstra, TD Price, JH Burton, and LE Wright. "Tombs from Copan's Acropolis: A Life History Approach." In Understanding Early Classic Copan. Ellen E. Bell, Marcello A. Canuto, and Robert J. Sharer, eds., Chapter 11. pp. 191-212. Philadelphia: University of Pennsylvania Museum of Archaeology and Anthropology (2004).

Arthur C. Aufderheide, Wilmar Salo, Michael Madden, John Streitz, Jane Buikstra, Felipe Guhl, Bernardo Arriaza, Colleen Renier, Lorentz E. Wittmers Jr., Gino Fornaciari, and Marvin Allsion. "A 9,000-year record of Chagas' disease." Proceedings of the National Academy of Sciences. 101(7):2034-2039 (2004).

- Lynne G. Goldstein, and Jane E. Buikstra. "A Nineteenth-Century Rural Irish Cemetery in McDonough County, Illinois." In An Upper Great Lakes Archaeological Odyssey. William A. Lovis, ed. Chapter 4, pp. 43-63. Detroit: Wayne State University Press. (2004).
- Christopher M. Stojanowski, and Jane E. Buikstra. "Biodistance Analysis, a Biocultural Enterprise: A Rejoinder to Armelagos and Van Gerven (2003)" American Anthropologist. 106(2):430-431 (2004).
- Kenneth C. Nystrom, Ethan M. Braunstein, and Jane E. Buikstra. "Field Paleoradiography of Skeletal Material from the Early Classic Period of Copan, Honduras." Canadian Association of Radiologists Journal. 55(4): 246-53 (2004).
- Jane E. Buikstra. "Los Debates de los Gobernantes Mayas. Una Perspectiva Bioarqueologica." In Investigadores de la Cultura Maya 12. Tomo II. pp. 440-457. Campeche: Universidad Autonoma de Campeche. (2004).
- Deborah E. Blom, Jane E. Buikstra, Linda Keng, Paula B. Tomczak, Eleanor Shoreman, Debbie Stevens-Tuttle. "Anemia and Childhood Mortality: Latitudinal Patterning Along the Coast of Pre-Columbian Peru." American Journal of Physical Anthropology. 127 (2): 152- 169 (2005)(published online 19 Nov 2004).
- Maria C. Lozada, Gordon F. M. Rakita, and Jane E. Buikstra. "Dando la Bienvenida a la Muerte: El Rol de los Camélidos en las Festividades Funerarios Chiribaya en la Costa Sur del Perú." In Primer Congreso Latinoamericano de Ciencias Sociales y Humanidades; Imagen del Muerte. Universidad Nacional Mayor de San Marcos. Perú: Lima. pp. 39-48. (2004)
- Jane E. Buikstra and Douglas K. Charles. "Testing Winters' Models for Chronology and Structural Complexity at the Mound House site." In Memory of Howard Dalton Winters. A-M Cantwell, and L. Conrad, eds. Illinois State Museum, Center for American Archeology (2004).
- Douglas K. Charles, Julieann Van Nest, and Jane E. Buikstra. "From the earth: Minerals and meaning in the Hopewellian world." In Soil, Stones, and Symbols: Cultural Perceptions of the Mineral World. N Boivin and M. Owoc, eds. London: UCL Press (2005).
- Christopher M. Stojanowski, and Jane E. Buikstra, "Research Trends in Human Osteology: A Content Analysis of Papers Published in the American Journal of Physical Anthropology." American Journal of Physical Anthropology. (AJPA Early View: <http://www3.interscience.wiley.com/cgi-bin/jissue/103020579>) (2005).
- Jane E. Buikstra., George R. Milner and Jesper L. Boldsen. Janaab' Pakal: La controversia de la edad cronológica revisitada. In Janaab' Pakal de Palenque. Vida y muerte de un gobernante maya, edited by Vera Tiesler and Andrea Cucina, pp. 103-122. UNAM/UADY, México, D.F. (2005)
- Kenneth C. Nystrom, Jane E. Buikstra, and Ethan M. Braunstein. "Radiographic Evaluation of Early Classic Elites from Copán, Honduras." International Journal of Osteoarchaeology 5: 196-207 (2005).
- Jane E. Buikstra. "Ethnogenesis and Ethnicity in the Andes." In Us and Them: The Assignment of Ethnicity in the Andean Region, Methodological Approaches. Richard Reyecraft, ed., Chapter 14, pp. 233-238. Los Angeles: Cotsen Institute of Archaeology, UCLA (2005).
- Maria C. Lozada and Jane E. Buikstra. "Pescadores y Labradores among the Chiribaya of Southern Perú. Intentional Cranial Deformation and Ethnicity." In Us and Them: The Archaeology of Ethnicity in the Andes. Richard M. Reyecraft, ed. University of California Archaeological Research Facility. CA: Los Angeles. (2005)
- Philip A. Mackowiak, Vera Tiesler Blos, Manuel Aguilar, and Jane E. Buikstra. On the Origin of American Tuberculosis. Clin. Infect. Dis. 41: 515-518 (2005).
- Nystrom KC, Buikstra JE. Trauma Induced Changes in Diaphyseal Cross-Sectional Geometry in Elites from Copan, Honduras. American Journal of Physical Anthropology 128(4): 791-800. (2005)

Salo, W, A. Aufderheide, M. Madden, J. Streitz, J. Buikstra and G. Fornaciari. The Paleoepidemiology of American Typanosomiasis (Chagas Disease). J. Biol. Res. LXXX: 78-79 (2005).

Aufderheide, A., W. Salo, M. Madden, J. Streitz, K. Ditmar de la Cruz, J. Buikstra, B. Arriaza, and L. E. Wittmers, Fr. Aspects of Ingestion Transmission of Chagas Disease identified in Mummies and Their Coprolites. Chungara 27: 85-90. (2005).

Knudson, K.J., T.D. Price, J.E. Buikstra & D.E. Blom. Strontium Isotope Analysis and Migration in the South Central Andes: Tiwanaku Colonization of the Moquegua Valley. In (H. Kars and E. Burke, eds.) Geoarchaeological and Bioarchaeological Studies 3: The 33rd International Symposium on Archaeometry, 22-26 April 2002, pages 477-482, Amsterdam (2005).

Price, T.D., J. H. Burton, P. D. Fullager, L. E. Wright, J. E. Buikstra and V. Tiesler. 87SR/86SR Ratios and the Study of Human Mobility in Ancient Mesoamerica. Latin American Antiquity (submitted for publication).

J. E. Buikstra., G. R. Milner and J. L. Boldsen Janaab' Pakal: The Age-at-death Controversy Re-revisited. In: Janaab' Pakal of Palenque. In: Reconstructing the Life and Death of a Maya Ruler. V. Tiesler and A. Cucina, eds. University of Arizona Press. (2006)

T. D. Price, J. H. Burton, V. Tiesler, S. Martin, and J. Buikstra. Geographic Origin of Janaab' Pakal and the Red Queen: Evidence from Strontium Isotopes. In: Janaab' Pakal of Palenque. Reconstructing the Life and Death of a Maya Ruler V. Tiesler and A. Cucina, eds. University of Arizona Press. (2006).

Price, T. D., J. H. Burton, V. Tiesler, and J. E. Buikstra Evidencia Isotopica de sobre el sitio de Calakmul, Campeche. Los Investigadores de la Cultura Maya XIV, pp. 87-94. Campeche: University of Campeche Press (2006).

G. R. Milner, and J. E. Buikstra "Skeletal Biology: Northeast." In Handbook of the North American Indians, Physical Anthropology., Douglas Ubelaker, ed. Smithsonian Institution Press, Washington D.C.. pp. 630-639. (2006).

J. E. Buikstra "History of Research in Skeletal Biology" In Handbook of the North American Indians, Physical Anthropology., Douglas Ubelaker, ed. Smithsonian Institution Press, Washington D.C., pp. 504-523. (2006)

Wilbur, A. K. and J. E. Buikstra. Patterns of tuberculosis in the Americas – How can modern biomedicine inform the ancient past? Mem. Inst. Oswaldo Cruz, Rio de Janeiro, 101 (Suppl. 11): 59-66 (2006).

Knudson, K. J., A. E. Aufderheide, and J. E. Buikstra Seasonality and paleodiet in the Chiribaya polity of southern Peru. J. of Archaeol. Sci. 14: 451-462 (2007)

Buikstra, J. E. The Bioarchaeology of Maya Sacrifice. In New Perspectives on Maya Sacrifice, V. Tiesler and A. Cucina, eds, Chapter 13, pp. 293-307. Springer-Verlag (2007).

Buikstra, J. E. and C. Riheute H. Isotops I arqueologia: investigació del consum alimentary I dels historials de residència. Cota Zero 21: 96-107 (2007).

Roberts, C. A. and J. E. Buikstra. "The Evidence for Tuberculosis in the Eastern Mediterranean: past and current research, and future prospects." In Diachronic Patterns in the Biology and Health Status of Human Populations in the Eastern Mediterranean; Festschrift in Honour of Patricia Smith, Joel Wilbush Chair in Medical Anthropology, Marina Faerman, Liora K. Horwitz, Tzipi Kahana and Uri Ziberman, eds. BAR International Series 1603, pp. 213-227, Oxford: Archaeopress. (2007).

C. M. Lewis, J. E. Buikstra, and A. C. Stone. Ancient DNA and Genetic Continuity in the South Central Andes. Latin American Antiquity 18(2): 145-160. (2007).

Knudson, K. J. and J. E. Buikstra. Residential Mobility and Resource Use in the Chiribaya Polity of Southern Peru: Strontium Isotope Analysis of Archaeological Tooth Enamel and Bone. International Journal of Osteoarchaeology, 17: 563-580. (2007).

Buikstra, J. E. Foreward. In Forensic Anthropology: Case Studies from Europe, edited by M. Brickley and R. Ferlini.. Springfield: C. C. Thomas., ix-si. (2007)

Roberts, C., M. Lucas Powell, and J. Buikstra. Preface. In, Roberts, C., M. Lucas Powell, and J. Buikstra, eds. Papers in Honour of Aidan and Eve Cockburn from the Paleopathology Association Meeting, Durham 2004. International Journal of Osteoarchaeology, 17: 327-336 (2007).

Buikstra, J. E. Foreward In Bioanthropology of the Human Skeleton, M. Katzenberg and S. Saunders, eds. Academic Press (2008).

Milner, G. R., J. E. Buikstra, M. D. Wiant. Archaic Burial Sites in the Midcontinental United States. In Archaic Societies of the Midcontinent, T. E. Emerson, D. L. McElrath, and A. C. Fortier, eds, Chapter 4, pp. 115-136. University of Nebraska Press (2008).

Jane E. Buikstra and Anna Lagia, "Bioarchaeological Approaches to Aegean Archaeology." In New Directions in the Skeletal Biology of Greece. Lynne Schepartz, Sherry Fox, and Chryssi Bourbou, eds.. Occasional Wiener Laboratory Series (2008).

Price, T. Douglas, James H. Burton, Paul D. Fullagar, Lori E. Wright, Jane E. Buikstra & Vera Tiesler. 87Sr/86Sr Ratios and the Study of Human Mobility in Ancient Mesoamerica. Latin American Antiquity (2008).

M. C. Lozada, D. E. Blom, B. Hallgrimson, and J. E. Buikstra. Las Relaciones Biológicas y Culturales entre Tiwanaku y Chiribaya en la Cuenca del Osmore, Extremo Sur del Perú. In Tiwanaku and its Successors. Mario A. Rivera and Alan L. Kolata, eds. Universidad Bolivariana Iquique. Chile. (in press)

Buikstra, J. E. and R. Scott Identity Formation: Communities and Individuals. In Bioarchaeology and Identity in the Americas K. Knudson and C. Stojanowski, ed. University Press of Florida (accepted for publication).

Buikstra, J. E. Identity Formations: Communities and Individuals. In Bioarchaeology and Identity in the Americas K. Knudson and C. Stojanowski, ed. University Press of Florida (accepted for publication).

J. E. Buikstra, M. C. Lozada, G. F.M. Rakita and P. D. Tomczak. "Fechados Radiocarbonicos de Sitios Chiribaya en la Cuenca del Rio Osmore." (in preparation).

M. C. Lozada, J. E. Buikstra, G. F. M. Rakita, and J. Wheeler. Camelid Herders: The Forgotten Specialists in the Coastal Señorío of Chiribaya, Southern Perú. In The Foundations of Andean Civilization: Papers in Honor of Michael E. Moseley. Joyce Marcus, Charles Stanish, and Patrick Ryan Williams, eds. Cotsen Institute of Archaeology at UCLA. CA: Los Angeles. (submitted for publication).

Buikstra, J. E. and K. C. Nystrom Ancestors and Social Memory: A South American Example of Dead Body Politics. In Living With the Dead in the Andes, James L. Fitzsimmons and Izumi Shimada, eds. U of Arizona Press. (submitted).

Lozada, M. C., R. Haydon, K. Knudson, and J. E. Buikstra. Social Marginalization among the Chiribaya: The 'Curandero' of Yaral, Southern Peru. In The Bioarchaeology of Individuals, A. L. Stodder and A. M. Palkovich, eds. Gainesville, FL: University Press of Florida. (accepted for publication)

Reports

Jane E. Buikstra. "Osteology of an Osage Crevice Burial," in An Historical-Cultural Assessment of the Skiatook

Reservoir, Osage County, Oklahoma, by Gregory Perino, pp. 48-53 (U.S. Army Corps of Engineers Contract No. CACW-72-C0090) (1972).

Jane E. Buikstra. "Osteology of the Skeleton Found in Rock Shelter Os-106," ibid., pp. 54-73.

Jane E. Buikstra and Deirdre Fowler. "An Osteological Study of the Human Skeletal Materials from the Bentsen-Clark Site," in The Bentsen-Clark Site, Red River County, Texas: A Preliminary Report, by Larry D. Banks and Joe Winters. Texas Archeological Society Special Publication No. 2, San Antonio, pp. 79-97 (1975).

Jane E. Buikstra, Michael Vadeboncoeur and Gary Behrend. "The Osteology of the Lundy Site," Bulletin of Oklahoma Anthropological Society 22:159-170, Oklahoma Archaeological Society Publications (1975).

Jane E. Buikstra and Tina L. Pistono. "N-155-3:A Bio Archaeological Analysis of Prehistoric Mortuary Structure from the Joseph Smith Properties, Nauvoo, Illinois," Part II, pp. 89-107 of The Joseph Smith Homestead Complex, Nauvoo, Illinois: A Focus on the Outbuildings, by Paul DeBarthe, ed. by Robert T. Bray (1976).

Jane E. Buikstra. "A Preliminary Report Concerning the Curation, Study and Display of the Human Skeletal Remains from Santa Fe la Vieja, Argentina." Submitted to the Organization of American States (1980).

Jane E. Buikstra. "The Curation, Study, and Display of the Human Skeletal Remains from Santa Fe la Vieja, Argentina, II." Submitted to the Organization of American States (1981).

Jane E. Buikstra and David L. Asch. "Survey to Refine Predictive Models of Archaeological Resource Distribution in the Lower Illinois Valley Drainage." in Predictive Models in Archaeology, assembled by Margaret K. Brown, Illinois Archaeology Survey Circular Number Three, pp. 73-80 (1981).

Jane E. Buikstra. "Santa Fe la Vieja, Parts III-IV." Report of fieldwork during January 1982. Submitted to the Organization of American States (1982).

Frederic W. Gleach and Jane E. Buikstra. "A Preliminary Report on the 1986 Excavations at the Bullseye Site, 11 Ge 127." Manuscript on file at the Center for American Archeology.

Jane E. Buikstra and Lisa M. Hoshower, "A report on the Remains from Gilena, Spain." Report prepared at the request of Dr. Rosario Cruz-Auñon, University of Sevilla, 1992.

Jane E. Buikstra and Lisa M. Hoshower "Gatas Site Burial in a comparative Framework" Report submitted to the Autonomous University of Barcelona, 1994.

Jane E. Buikstra and Douglas K. Charles, "Mound House 1994:Archaeology and the Great Flood of '93." A Final Report Submitted to the Illinois Historic Preservation Agency, 1993 Flood Disaster Relief Grant Project No. 17-93-FLOOD-40, 1994.

Jane E. Buikstra, "Estudios Piloto de Enterramientos de la Acrópolis." Apéndice II, Informe de la Temporada de 1996 de Programa de Investigación de la Acrópolis Temprana, 1997.

Jane E. Buikstra, Douglas K. Charles, Kevin M. H. O'Briant, and Kyle T. Smith, "The Mound House Site: Summary of the 1995-1996 Investigations Conducted by the University of Chicago, The University of New Mexico and Wesleyan University", Report submitted to the Illinois Historic Preservation Agency, 1997.

Jane E. Buikstra, Douglas K. Charles, Kevin M. H. O'Briant, and Patrick R. Kozel, "The Mound House Site:Summary of the 1997 Investigations Conducted by the University of New Mexico", Report submitted to the Illinois Historic Preservation Agency, 1998.

Jane E. Buikstra, Douglas K. Charles, and Kevin M.H. O'Briant, "The Mound House Site:Summary of the 1998

Investigations Conducted by the University of New Mexico”, Report submitted to the Illinois Historic Preservation Agency, 1999.

Jane E. Buikstra, Douglas Charles, and Kathleen Helton “The Mound House Site of the 1999 Investigations Conducted by the University of New Mexico”, Report submitted to the Illinois Historic Preservation Agency, 2000.

Jane E. Buikstra, Douglas Charles, and Jason L. King “The Mound House Site: Summary of the 2000 Investigations Conducted by the University of New Mexico”, Report submitted to the Illinois Historic Preservation Agency, 2001.

Jane E. Buikstra, and Jason L. King “The Mound House Site: Summary of the 2001 Investigations Conducted by the University of New Mexico”, Report submitted to the Illinois Historic Preservation Agency, 2002.

Jane E. Buikstra, and Jason L. King “The Mound House Site: Summary of the 2002 Investigations Conducted by the University of New Mexico”, Report submitted to the Illinois Historic Preservation Agency, 2003.

Jason L. King and Jane E. Buikstra “The Mound House Site: Summary of the 2003 Investigations Conducted by the University of New Mexico”, Report submitted to the Illinois Historic Preservation Agency, 2004.

Jason L. King and Jane E. Buikstra “The Mound House Site: Summary of the 2004 Investigations Conducted by the University of New Mexico”, Report submitted to the Illinois Historic Preservation Agency, 2005.

Jason L. King and Jane E. Buikstra “The Mound House Site: Summary of the 2005 Investigations Conducted by the University of New Mexico”, Report submitted to the Illinois Historic Preservation Agency, 2006.

Jason L. King and Jane E. Buikstra “The Mound House Site: Summary of the 2006 Investigations Conducted by the University of New Mexico”, Report submitted to the Illinois Historic Preservation Agency, 2007.

Nontechnical Publications

Jane E. Buikstra. "A Forensic Odyssey," Arts and Sciences, Northwestern University, 1:2-6, 1978. Reprinted in Criminal Justice Review 7:7-10 (1982).

Jane E. Buikstra. "Bio-archaeology at the Koster Site: A Multi-Disciplinary Approach of Modern Archaeology in the Illinois River Valley," Lakeview Museum of Arts and Sciences, Peoria, Illinois 2:19-25 (1979).

Jane E. Buikstra. "A Specialist in Ancient Cemetery Studies Looks at the Burial Issue." Early Man 3:26-27 (1981).

Jane E. Buikstra. "Reburial: How We All Lose." California Archaeological Newsletter, No. 1, pp.1-4 (1982). Reprinted in Council for Museum Anthropology Newsletter (1982).

Maria C. Lozada, Deborah E. Blom and Jane E. Buikstra “The Practice of Artificial Deformation in Precolumbian Peru. El Chaski. Organo Periodistico de Peruvian Arts Society pp.7 (1997).

Reviews

"An Analysis of the Human Skeletal Material from Burial Mounds in North Central Kansas," by Terrell W. Phenice. American Anthropologist 72(6): (1970).

"Ancient Disease in the Midwest," by Dan Morse. American Antiquity 37:264-265 (1972).

"The Human Skeletal Remains of Altar de Sacrificios: An Osteobiographic Analysis," by Frank Saul. American Journal of Physical Anthropology 40:455-456 (1974).

- "Reconstruction of Demographic Profiles from Ossuary Skeletal Samples," by Douglas Ubelaker. American Antiquity 42(1):134-135 (1977).
- "Physical Affiliations of the Oneota Peoples," by Elizabeth J. Glenn. Plains Anthropologist 23:165-168 (1978).
- "Health and the Hunter-Gatherer, Biomedical Studies on the Hunting and Gathering Populations of Southern Africa," by G. T. Nurse and T. Jenkins. Human Biology 150:557-561 (1978).
- "Human Skeletal Remains:Excavation, Analysis, Interpretation," by Douglas Ubelaker. American Anthropologist 81:446-448 (1979).
- "Ancient Disease in the Midwest," second edition, by Dan Morse. Wisconsin Archaeologist 80(1):83-84 (1979); also American Anthropologist Book Notes (1979).
- "Mortality and Immortality," by S. C. Humphreys and Helen King. American Anthropologist 85:721-723 (1983).
- (with James A. Brown). "The Ritual of the Mounds," by John Meyer. American Anthropologist 89:209-211 (1987).
- "Health and Disease in the Prehistoric Southwest," by Charles F. Merbs and Robert J. Miller. American Anthropologist 89: 209-211.
- "Mortuary Variability, an Archaeological Investigation," by John O'Shea. Reviews in Anthropology, in press. (titled "Recent Approaches to the Archeological Study of Mortuary Practices").
- "Prehistoric stress in Australian Aborigines: a palaeopathological study of a hunter-gatherer population," by Stephen Webb. Antiquity 64:182-183 (1990).
- "Science Encounters the Indian, 1820-1880:The Early Years of American Ethnology," by Robert E. Bieder. Plains Anthropologist 35(132):392-394 (1990).
- "Palaeopathology of Aboriginal Australians: Health and Disease Across a Hunter-Gatherer Continent," by Stephen Webb. Journal of Anthropological Research 52(2): 237-241 (1996).
- "Skeleton Keys: An Introduction to Human Skeletal Morphology, Development, and Analysis," by Jeffrey H. Schwartz. International Journal of Primatology 17(5): 905-906 (1996).
- "Mortuary Practices and Skeletal Remains at Teotihuacán, vol. 3," by Martha L. Sempowski & Michael W. Spence. Journal of Anthropological Research 52(4): 526-528 (1996).
- "Human Adaptations at Grasshopper Pueblo, Arizona: social and ecological perspectives," by Joseph A. Ezzo. Society for Archaeological Sciences Bulletin 20(1/2): (1997).
- "Human Paleopathology and Related Subjects: An International Bibliography," by Rose A. Tyson. J. E. Buikstra, K. M. O'Briant and P. D. Tomczak. Journal of Anthropological Research 54 (2): 235-236 (1998).
- "Robert Louis Blakely" Obituary Anthropology Newsletter 40(7):39 (1999).
- "Broken Bones. Anthropological Analysis of Blunt Force Trauma", by Allison Galloway. Journal of Forensic Sciences 45 (5): 1168 (2000).
- "Reconstructing Ancient Maya Diet," by Christine D. White, ed., Journal of Anthropological Research 56 (3): 397-399 (2000).

“The Archaeology of Death and Burial” by Mike Parker Pearson., Journal of Anthropological Research 57 (1): 85-86 (2001).

“Bioarchaeological Studies of Life in the Age of Agriculture: A View from the Southeast,” by Patricia M. Lambert, ed., American Anthropologist 103 (4): 1194—5 (2001).

“Bones of the Ancestors: The Archaeology and Osteobiography of the Moatfield Ossuary,” Ronald F. Williamson and Susan Pfeiffer, eds. Journal of Anthropological Research 60 (3): 41-42 (2004).

“Paleodemography: Age Distributions From Skeletal Samples,” Robert D. Hoppa and James W. Vaupel, eds. Antiquity 79(305): 710-711 (2005)

“Ritual Sacrifice in Ancient Peru,” by Elizabeth P. Benson and Anita G. Cook, eds. American Anthropologist 105:390-391.

“Human Osteology & Skeletal Radiology: An Atlas and Guide,” by E. W. Matshes, B. Burbridge, B. Sher, A. Mohamed, and B. H. Juurlink. Journal of Forensic Sciences 5: 1258 (published online 17 August 2005).

“The Human Bone Manual” by Tim D. White and Pieter A. Folkens. Journal of Forensic Sciences 51: 956-957.

“The Social Archaeology of Funerary Remains, “ edited by Rebecca Gowland and Christopher Knüsel. Journal of Archaeological Research 63: 567-570 (2007)

“Forensic anthropology and medicine: Complementary Sciences from Recovery to Cause of Death,” edited by A. Schmitt, E. Cunha, J. Pinheir. International Journal of Osteoarchaeology 17: 434-436 (2007).

“Burial Terminology: A Guide for Researchers,” by Roderick Sprague. Journal of Field Archaeology: 32: 101-103 (2007).

“Mummies and Death in Egypt,” by F. Dunand and R.. Lichtenberg. Journal of Forensic Sciences 53: (2008).

INVITED LECTURES/COLLOQUIA:

Quad Cities Archaeological Association (1971, 1978); Illinois Association for the Advancement of Archaeology annual meeting (1972); Rush-Presbyterian St. Luke's Medical Center Renal and Nutrition Department (1972); Indiana Center for Criminal Justice Training (1972, 1973, 1976); State of Illinois-American College of Physicians annual meeting (1972); Loyola Medical School (1972); Chicago Historical Society (1974, 1978, 1981); American Medical Association (1974); Midwest Medical Research Association annual meeting (1974); Chicago Anthropological Society (1974); University of Arkansas Department of Anthropology (1975, 1978); Case Western Reserve University Department of Anthropology (1975); Chicago Archaeological Society (1975,1994); Carleton College (1976); Northwestern University College of Arts & Sciences Faculty Colloquium (1976); Chicago Academy of Sciences (1976); Northwestern University Program in Nutrition (1976); Technical Society of Chicago (1976); Earth Science Club of Northern Illinois (1976); Pike County Historical Society (1976); University of Tennessee Department of Anthropology (1977); University of Michigan Museum of Anthropology (1977); Marquette University Phi Eta Sigma Lecture in Anthropology (1977); University of Wisconsin, Milwaukee, Department of Anthropology (1977); American Medical Association, Division of Scientific Activities (1977); Milwaukee Chapter of the American Institute of Archaeology (1977); Chicago Nutrition Society (1977); German Medical Society of Chicago (1977); Two Rivers Chapter of the IAAA (1978); Instituut voor Prae-en Protohistorie, Amsterdam (1979, 1981); Arizona State University Department of Anthropology (1979); Southern Illinois University Department of Anthropology (1979); Lakeview Museum, Peoria, Illinois (1979); Northern Illinois Archaeological Society (1979); Anthropology Club/Department, Southern Methodist University Colloquium (1980); University of Minnesota, Anthropology Club/Department Annual Spring Conference Keynote Address

(1980); Museo Ethnografico, Santa Fe, Argentina (1980); Zoller Clinic, University of Chicago (1980); Northeastern Illinois University Department of Anthropology (1980); Georgia State University Department of Anthropology (1981); New York University Department of Anthropology (1981); Anthropology Study Group, Howard County, Maryland (1981); Indiana University Department of Anthropology (1981); American Institute for Archaeology Lecture Series: Rockford, Illinois; Oberlin, Ohio; Cleveland, Ohio; Springfield, Ohio (1981-82); Plattsburgh Conference, Plattsburgh, New York (1982); Early Woodland Conference, Kampsville, Illinois (1982); Taos Conference on Comparative Archaeology (1982); University of South Carolina Department of Anthropology (1982); University of Pennsylvania Department of Anthropology (1982); Caddo Conference Symposium Discussant (1982); University of Calgary Chacmool Conference (1983); Johns Hopkins University Department of Cell Biology and Anatomy (1984); University of Wisconsin-Milwaukee (1984); Los Alamos National Laboratory (1984); University of Chicago, Department of Anthropology (1985); Nutrition for Optimal Health, Inc. (1986); Los Alamos Technology and Nutrition Symposium (1986); Louisiana State University, Department of Anthropology/Center for Study of Toxic Waste (1986); Georgia State University Department of Anthropology (1986); Louisiana State University Medical Center (1986); School of American Research, Symposium on Bone Biochemistry (1986); School of American Research, Conference on **the** Origins of Human Adaptations (1986); Southern Illinois University Conference on the Emergence of Horticulture (1986); Wisconsin Archaeological Society (1986); Dean's Inaugural Lecture, University of Chicago (1986); Grand Rounds, Department of Radiology, Children's Memorial Hospital (1987); Valparaiso University, Honor's College (1987); Notre Dame, Department of Anthropology (1987); Chicago Academy of Sciences (1987); University of Florida, Department of Anthropology (1988); University of Arkansas, Robert L. Stigler, Jr. Lecture Series (1988), Wesleyan University, Department of Anthropology (1989), Chicago State University Faculty Lecture Series (1989), University of Delaware, Department of Anthropology (1989), Hamline College, Department of Anthropology (1989), Florida Natural History Museum (1989), SUNY --Buffalo, Department of Anthropology (1989), Washington University, Department of Anthropology (1989), Harvard University, Department of Anthropology (1990); Ball State University, Department of Anthropology (1991), University of Nebraska, Department of Anthropology (1991), Earth Science Club of Northern Illinois (1991), Curso/Taller "Reconstrucción de Dietas Prehispánicas:Métodos y Técnicas," Lima, Peru (1991); Dumbarton Oaks Conference on Monuments and the Andean Ancestors (1991); Department of Anthropology, University of New Mexico (1992); F.B.I./Naperville Police Department Advanced Course in Forensic Investigation (1992); Department d'Història de les Societats Pre-capitalistes i d'Antropologia Social Universitat Autònoma de Barcelona (1992); Alaska Anthropological Association, Keynote Address (1993); University of California at Berkeley, Department of Anthropology, Washburn Lecture (1994); Museo Arqueologico Nacional, Madrid (1994); Conference on Preservation and Use of Olduvai Gorge, Laetoli, Rock Art and other Paleoanthropological Resources in Tanzania, Bellagio, Italy (1995); Sigma Xi Lecture, University of New Mexico (1996); University of Wisconsin, Madison (1996); Tulane University (1996); Northwestern University (1996); Twentieth Annual Mildred Trotter Lecture, Washington University, St. Louis (1996); Weiner Laboratory, Athens, Greece (1997); The Evolution and Palaeoepidemiology of Tuberculosis, International Congress, Szeged, Hungary (1997); Loren Eiseley Society, University of Pennsylvania Museum, Philadelphia (1997); IX Coloquio Internacional de Antropología Física Juan Comas, Mexico City (1997); University of Oklahoma, Department of Anthropology (1998); Western Michigan University Visiting Scholars and Artists Program and The Anthropology Department (1998); University of North Carolina, Greensboro, Women's Studies Science Initiative (1998); University of N. Carolina, Dept Anthrop (1999,2000); York University Papers in Honor of Don Brothwell (1999); Departmental Colloquium, U of Arizona (1999; 2007) Maya Weekend UCLA (2000); University of Copenhagen (Denmark), Laboratory of Biological Anthropology (2001); University of Stockholm (Sweden), Laboratory of Biological Anthropology (2001); American School of Classical Studies in Athens (Greece) (2001); Waring Lecture, University of West Georgia (2001); University of California-Riverside, Department of Anthropology (2001); University of California, San Diego, Department of Anthropology (2002); Lecture Series, Bioarchaeology Short Course, Palma, Mallorca, Spain (2002); Wiener Laboratory of the American School of Classical Studies in Athens (2002); Texas A&M, Department of Anthropology (2003); Texas A&M, Women in Science & Engineering Annual Conference (2003); Los Restos Humanos como Informantes de Nuestra Historia, Alicante, Spain (2003); German Anthropological Association, Annual Meeting (2003); Pennsylvania State University, Department of Anthropology (2003); SUNY-Binghamton, Department of Anthropology (2003); Universidad Autónoma de Yucatán, Facultad de Ciencias Antropológicas, Mérida, México (2003); XIII Encuentro Internacional "Los Investigadores de la Cultural Maya", Campeche, México (2003). University College, London, Department of Anthropology (2004); Autonomous University of Barcelona, Short Course in Bioarchaeology (2004), Sheffield University Anthropology Society

(UK)(2005), Pre-Columbian Society, Washington, D.C. (2005); Washington University, Department Colloquium (2005); Universidad Autonoma de Yucutan, Facultad de Ciencias Antropologicas, 2 lectures (2005); University of Toronto, Department of Anthropology (2006), University of Wisconsin, University Lecture (2006); Universidad de Tarapacá, Departamento de Antropología/FACSAE (2006) Department of Anthropology, Durham University (2007); Hatfield College, University of Durham (2007); Institute of Advanced Study, Durham University (2007), Department of Archaeology, Durham University (2007), Department of Archaeology, University of York (2007), Department of Archaeology, University of Reading (2007), Southwest Archaeological Team, Inc., 2007; Central Florida Chapter of the AIA, 2007; Tallahassee Chapter of the AIA, 2007; South Florida Chapter of the AIA, 2007. Universidad Catolica, Lima, Peru, Short Course in Bioarchaeology for MA students enrolled in Forensic Anthropology and Bioarchaeology (7 lectures), (2007), Department of Anthropology, National Museum of Natural History (2007), Washington U Lecture Series in World Archaeology (2008), St. Louis Community College, Meramec (2008), St. Louis Chapter of the AIA (2008).

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

American Anthropological Association
American Association for the Advancement of Science (elected Fellow, 1985)
American Academy of Forensic Sciences (elected Fellow, 1980)
American Association of Physical Anthropologists
American Institute of Archaeology
Centro de Estudios Hispanoamericanos (Corresponding Member)
Illinois Archaeological Survey
Illinois Association for the Advancement of Archaeology
Human Biology Association
Missouri Archaeological Society
Paleopathology Association
Sigma Xi
Society for American Archaeology
Society for Archaeological Sciences
Register of Professional Archaeologists (Founding Member of the Society of Professional Archaeologists)
Wisconsin Archaeological Society

PROFESSIONAL COMMITTEES:

Advisory Committee for the Field Museum of Natural History's Center for Advanced Study, 1977-79.

American Anthropological Association, Committee on the Status of Women in Anthropology, 1978-81 (Chair 1980-81); Executive Board, 1980-83; Field Editor for Biological Anthropology, 1985-1987; Search Committee for Executive Director (1986-87); President-Elect 1987-89; Search Committee for Editor of the American Anthropologist (1988-89); President 1989-91; Finance Committee 1993-1997, Centennial Committee 1999-2003; Resource Development 2000-2004.

American Association for the Advancement of Science, Nominations Committee, Member 1986-1989, Chair 1988-1989; Chair-elect and Chair 1994-1997.

American Association of Physical Anthropologists, Nominations Committee, 1977-78; Associate Editor of the Journal of the Association, 1978-81; 1991- ; Procedures Committee, 1979-80; Secretary-Treasurer, 1981-85; President, 1985-87.

American Board of Forensic Anthropology, Executive Board 1998-2003; Ethics Committee, 1994-Present;

Committee to Review Application Standards, 1999-2000.

American School of Classical Studies in Athens, Member, Board of Trustees 2007-present.

Archeological Conservancy; Board of Directors 1986-1991.

American Institute of Archaeology; Pomerance Science Medal Committee: 2005-2011

Bioanthropology Foundation, Peru, Board Member 1997-present.

VI Congress on Mummies, Member, Scientific Committee (2006-2007)

European Paleopathology Association, Member, Scientific Committee (2008)

Evolutionary Anthropology, Editorial Board, 1992-1995.

External Review Committees, Departments of Anthropology (unless otherwise noted): University of Tennessee, 1981, 1990, 1993; SUNY-Buffalo, 1985; University of California, Berkeley, 1986,1998; Smithsonian Institution Museum of Natural History, 1987; University of Michigan, Museum and Department of Anthropology, 1989; University of New Mexico, 1989; Visiting Committee, Harvard College Department of Anthropology, 1989-1992; University of Arizona, 1990, 1997; Notre Dame, 1990; University of Missouri, 1991; University of Pittsburgh, 1992; Center for Materials Research in Archaeology and Ethnology, Massachusetts Institute of Technology, 1993; Texas A&M, 1993; 2004; University of Maryland, 1994; Dartmouth University,1994; University of Oregon, 1994; Northwestern University,1996; University of California, Los Angeles, 1998; University of Illinois at Chicago, 1998; University of California, Santa Cruz, 2000; University of Iowa, 2001; University of California, San Diego, 2003; University of Toronto, 2006; Smithsonian Institution, Department of Anthropology, 2007; Cotsen Institute, UCLA, 2007.

Ford Foundation Pre-doctoral and Post-doctoral Minority Fellowship Selection Committee, Member of Social Sciences B Committee: 2003, Chair of Anthropology Committee: 2004.

Foundation for Illinois Archeology/Center for American Archeology, Board of Directors, 1980-; Executive Committee, 1980- ; President, 1984- ; Acting Director, 1985-1998.

Harvard University ad hoc Reviews Committee, Department of Anthropology 1989, 1996.

HOMO, Member of the Editorial Board, 2004 -2008

Human Biology Council, Nominations Committee, 1979-81, (Co-Chair, 1980-81); Executive Committee, 1984-88.

Illinois Archaeological Survey, Board of Directors, 1975-79; Chair of Quality Control Committee, 1975-76; President-elect, 1976-77; Chair of Membership Committee, 1976-77; President, 1977-78; Cultural Resources Management Committee, 1979-81; Chair of Nominations Committee, 1978-80.

Illinois Historic Sites Advisory Council, 1976-78.

Illinois State Museum: NAGPRA Review Committee, 1999.

Instituto de Democracia y Derechos Humanos de la Pontificia Universidad Católica del Perú (IDEHPUCP), Comié Asesor Externo, 2006 --

Member of Scientific Committees: "The Evolution and Palaeoepidemiology of Tuberculosis", Szeged, Hungary, 1997; "Leprosy, Past and Present", Bradford, England, 1999; European Meeting of the Paleopathology Association, 2004.

International Journal of Osteoarchaeology, Editorial Board, 1989-1993.

Journal of Anthropological Archaeology, Editorial Board, 1981-1993.

Journal of Anthropological Research, Editorial Board, Member 2000-2005.

Journal of Forensic Anthropology and Archaeology, Editorial Board Member 2007-present.

Journal of Forensic Sciences, Editorial Board, Member, 1989-2008.

National Academy of Sciences, Class V Membership Committee (1989, 1997, 2000, 2001, 2004); Council Nominations Committee (1992); NRC Liaison 2000-Present; Member, Nominating Committee for the 2002 NAS Award for Scientific Reviewing (2001); NAS Committee on Gender Differences in Careers of Faculty in Science, Mathematics, and Engineering (2004 – 2008); Nominating Committee (2004 – 2005).

National Research Council - Member, Committee on Women in Science 1995-1998.

National Science Foundation, Graduate Fellowship Committee, 1976 1978, (Chair, 1978, 1979); Research Grant Review Committee, 1981-83; External Review of Anthropology Program, 1985, 1989.

Paleopathology Association, Member of Reorganization Committee, 1997-2000; President, 2003-2005.

Reviews in Anthropology, Advisory Board, 1979-86.

Revista Chungara, Member of the Editorial Board (Comité Asesor Editorial de Chungara), 2003- Present.

Smithsonian Institution, Search Committee for Director of Natural History Museum 1987-88.

Smithsonian Institution, National Museum of Natural History. Chair, Human Sciences Review Committee, 1998-1999. Member, Integrated Review Committee, 1998-2000.

Society for American Archaeology Interim Committee on Professional Standards, 1976; Search Committee for Executive Director, 1992. Member, Lifetime Achievement Award Committee, 2003-2007.

Society of Professional Archaeologists, Board of Directors and Chair of By-Laws Committee, 1976; Alternate Counselor, Standards Board, 1979; Action Committee, 1980.

Wenner-Gren Foundation for Anthropological Research, Inc: Individual Research Grant Review Panel, 2004-2006.

Wiener Laboratory of the American School of Classical Studies, Athens, Ad hoc Advisory Committee, 1998; Member of Wiener Laboratory Committee of Managing Committee, 1998-2006; Chair 2005-2006.

Wellcome Trust (UK) Member of the Bioarchaeological Panel, 2000-2005.

CONSULTATION:

Forensic anthropology: Indiana State Police; Cook County (Illinois) Sheriff's Police; Cook County Police; Lake County, Illinois; Kane County, Illinois, St. Louis County Medical Examiner; McHenry County, Illinois; Floyd County, Kentucky; Office of the Medical Investigator, New Mexico

Bio-archaeology: Film "Where Man Lies Buried," produced and directed by Margaret Farlie and Kenneth A.R.

Kennedy; Film "The Moundbuilders," Odyssey, Public Television

Discovery Channel. Film "The Mummies of the South-Central Andes."

Discovery Channel. Film "Copan, Honduras: The Physical Cost of Being King."

CERTIFICATIONS AND REGISTRATIONS:

Society of Professional Archaeologists: Field Research, Collections Research, Education (1977-1998)

American Board of Forensic Anthropology: Forensic Anthropologist (1979-present)

Instituto de Cultura (Peru):DB-8826 (1990-present)

Illinois Historical Preservation Agency: Certified Human Osteologist (1994-present)

Register of Professional Archaeologists (1998- present)

PRIMARY RESEARCH GOALS:

Intensive study of prehistoric skeletal populations from the Americas emphasizing micro-evolutionary change and biological response to environmental stress; approach is multi-disciplinary, including programs in archaeology and the medical sciences. Bone microstructure; individuation; experimental cremation; social dimensions of mortuary behavior; demography; forensic anthropology; paleopathology; paleonutrition; biological distance; biological impact of European colonization in the Americas.

DISSERTATION COMMITTEES CHAIRED:

1. Reichs, K. J. 1974. Biological Variability and the Hopewell Phenomenon: An Interregional Approach. PhD Dissertation, Northwestern University.
2. DeRousseau, C. J. 1978. Osteoarthritis in Non-human Primate: A Locomotor Model to Joint Degeneration. PhD Dissertation, Northwestern University.
3. Palkovich, A. M. 1978. A Model of the Dimensions of Mortality and its Application to Paleodemography. PhD Dissertation, Northwestern University.
4. Milner, G. R. 1982. Measuring Prehistoric Levels of Health: A Study of Mississippian Period Skeletal remains from the American Bottom Illinois. PhD Dissertation, Northwestern University.
5. Gordon, C. C. 1982. Differential Dental Variability and Field Effects in Primates. PhD Dissertation, Northwestern University.
6. O'Connell, B. L. H. 1983. Fluctuating Asymmetry as a Measure of Developmental Stability in Illinois Woodland Populations. PhD Dissertation, Northwestern University.
7. Bradtmiller, B. 1984. Intra-individual Variability in Human Cortical Bone Remodeling. PhD Dissertation, Northwestern University.
8. Pickering, R. B. 1984. Patterns of Degenerative Joint Disease in Middle Woodland, and Mississippian Skeletal Series from the Lower Illinois Valley. PhD Dissertation, Northwestern University.

9. Rush, L. W. 1984. Food Habits and Pregnancy Outcome in a Sample of Urban Black, Pregnant Adolescents: Interaction of Biology, Environment, and Culture. PhD Dissertation, Northwestern University.
10. Charles, D. K. 1985. Corporate Symbols: An Interpretive Prehistory of Indian Burial Mounds in Westcentral Illinois, PhD Dissertation, Northwestern University.
11. Powell, M. L. 1985. Health, Disease and Social Organization in the Mississippian Community at Moundville. PhD Dissertation, Northwestern University.
12. O'Brien, E. 1986. Population Structure and Genetic Variability among 44 Hutterite Colonies. PhD Dissertation, Northwestern University.
13. McGrath, Janet. 1986. A Computer Simulation of the Spread of Tuberculosis in Prehistoric Populations of the Lower Illinois River Valley. PhD Dissertation, Northwestern University.
14. Reilly, B. A. 1986. Analysis of Microstructural Enamel Defects in Prehistoric Amerindian Population from the Midwest. PhD Dissertation, Northwestern University.
15. Konigsberg, L. W. 1987. Population Genetic Models for Interpreting Prehistoric intra-cemetery biological variation. PhD Dissertation, Northwestern University.
16. Bullington, J. 1988. Deciduous Dental Microwear in Middle Woodland and Mississippian Populations from the Lower Illinois Valley. PhD Dissertation, Northwestern University.
17. Williams, S. R. 1990. The Skeletal Biology of Estuquiña: A Late Intermediate Period Site in Southern Peru. PhD Dissertation, Northwestern University.
18. Beck, L. A. 1990. Redefining Copena: A Regional Analysis of Mortuary Patterns in "Southern Hopewell". PhD Dissertation, Northwestern University.
19. Haydon, R. C. 1993. Survey of Genetic Variation Among the Chiribaya of the Osmore Drainage Basin, Southern Peru, PhD Dissertation, University of Chicago.
20. Wright, L. E. 1994. The Sacrifice of the Earth? Diet, Health, and Inequality in the Pasión Maya Lowlands. PhD Dissertation, University of Chicago.
21. Rega, E. 1995. Biological Correlates of Social Structure in the Early Bronze Age Cemetery at Mokrin. PhD Dissertation, University of Chicago.
22. Link, D. W. 1996. Hunter-Gatherer Demography and Health in the Cis-Biaka Neolithic. PhD Dissertation, University of Chicago.
23. Steadman, D. W. 1997. Population Genetic Analysis of Regional and Interregional Prehistoric Gene Flow in West-Central Illinois, Vols. 1 & 2. PhD Dissertation, University of Chicago.
24. Indriati, E. 1998. A dental anthropological approach to coca-leaf chewing in the Andes (Bolivia, Peru, Chile) PhD Dissertation, University of Chicago.
25. Lozada Cerna, M. C. 1998. The seniority of Chiribaya: A bio-archaeological study in the Osmore drainage of southern Peru (Maria Rostworowski de Diez Canseco). PhD Dissertation, University of Chicago.
26. Begley, C. T. 1999. Elite Power Strategies and External Connections in Ancient Eastern Honduras volumes 1 and 2. PhD Dissertation, University of Chicago.
27. Burgess, S. D. 1999. Chiribayan skeletal pathology on the south coast of Peru: Patterns of production and

consumption. PhD Dissertation, University of Chicago.

28. Blom, D. E. 1999. Tiwanaku Regional Interaction and Social Identity: A Bioarchaeological Approach. PhD Dissertation, University of Chicago.

29. Ogilvie, M. D. 2000. A biological reconstruction of mobility patterns at the foraging to farming transition in the American Southwest. PhD Dissertation, University of New Mexico.

30. O'Donnabhain, D. 2001. Immigrants and indigenes : morphological variability and Irish-Viking interactions in the early historic period. PhD Dissertation, University of Chicago.

31. Carter, M. L. 2001. Sensitivity of stable isotopes (^{13}C , ^{15}N , and ^{18}O) in bone to dietary specialization and niche separation among sympatric primates in Kibale National Park, Uganda. PhD Dissertation, University of Chicago.

32. Segal, K. L. 2001. Bioarchaeological analysis of St. Jorgensgard, a medieval leprosy hospital in Odense, Denmark. PhD Dissertation, University of Chicago.

33. Rakita, G. F. M. 2001. Social Complexity, Religious Organization, and Mortuary Ritual in the Casas Grandes Region of Chihuahua, Mexico. PhD Dissertation, University of New Mexico.

34. Stojanowski, C. 2001. Cemetery Structure, Population Aggregation, and Biological Variability in the Mission Centers of La Florida. PhD Dissertation, University of New Mexico.

35. Tomczak, P. 2001. Prehistoric Socio-Economic Relations and Population Organization in the Lower Osmore Valley of Southern Peru. PhD Dissertation, University of New Mexico.

36. Perry, M. 2002 Health, labor, and political economy : a bioarchaeological analysis of three communities in Provincia Arabia PhD Dissertation, University of New Mexico.

37. Nystrom, K. 2005 The Biological and Social Consequences of Inka conquest of the Chachapoya Regions of Perú. PhD Dissertation, University of New Mexico.

38. Lewis, C. 2005 Intercontinental to Intrasite Genetic Analyses of Ancient and Contemporary Native American Communities. PhD Dissertation, University of New Mexico.

39. Wilbur, A. K. 2005 Genetics of Host Susceptibility/Resistance to Tuberculosis in the Anché and Avá. PhD Dissertation, University of New Mexico.

40. Aftandilian, D. A. 2007 Animals, Agriculture, and Religion among Native Americans in Precontact Illinois: An Interdisciplinary Analysis of Perception and Representation. PhD Dissertation, University of Chicago.

41. Rodrigues, T. L. 2008 Social Change and Skeletal Trauma in the Point of Pines Region (~A.C. 40-1450) of the American Southwest. PhD Dissertation, Arizona State University.

42. East, Anna 2008 Reproduction and Prenatal Care in Arizona Prehistory: An Examination of Patterns of Health in Perinates and Children at Grasshopper, Point of Pines, and Turkey Creek Pueblos PhD Dissertation, University of New Mexico.