

DEBORAH EILEEN BLOM

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EDUCATION

Ph.D.	1999	Anthropology, University of Chicago
M.A.	1992	Anthropology, University of Chicago
B.S.	1990	Anthropology, Magna cum Laude, University of Houston

Positions Held

Associate Professor, University of Vermont, Department of Anthropology, 2004 – present.
Research Associate, The Field Museum, Department of Anthropology, 2004 – present.
Assistant Professor, University of Vermont, Department of Anthropology, 2001 – 2004.
Assistant Professor, Vanderbilt University, Department of Anthropology, 2000 – 2001.
Assistant Professor, University of Vermont, Department of Anthropology, 1998 – 2000.

TEACHING

Courses Taught

Introduction to Prehistoric Archaeology
Archaeological Theory
Laboratory Methods in Biological Anthropology
Introduction to Physical Anthropology
Origins and Evolution of Human Culture
Peoples of South America
Arqueología Funeraria y Bioarqueología (Funerary Archaeology and Bioarchaeology)
Advanced Human Evolution
Nonhuman Primate Social Behavior/Primateology
Life, Death, and the Human Body

Who Owns the Past?: Module for Community and Sense of Place: Reading the Human and Natural Landscape (pilot course for Honors College)

Andean Bioarchaeology: Research and Analysis

Human Osteology/Archaeology and the Human Skeleton

Anthropology of Lifecycles and the Body: Perspectives from Biological and Cultural Anthropology

RESEARCH

Primary Research Interests

New World Complex Societies

Andean Prehistory and State Formation

Core-Periphery Interactions

Bioarchaeology/Human Osteology

Mortuary Practices

Nutrition and Disease Stress

Body Adornment/Theory

Social Organization

Kinship/Ethnicity/Identity

Prehistoric Colonization and Migration

Childhood

Research Experience

Project Co-Director, Proyecto Jach'a Marka, Tiwanaku, Bolivia. A bi-national study designed to address residential and mortuary patterns at the site of Tiwanaku. The project holds a multi-year renewable permit from the Bolivian Vice-Ministry of Culture. Co-directed with Nicole Couture of University of Chicago (McGill University, since 2001) and Maria Bruno (Washington University, since 2005), 1999 – present.

Human Osteologist, Proyecto Arqueológico Taraco, Chiripa and other Taraco Peninsula sites, Bolivia. Ongoing analysis, curation, and interpretation of human skeletal material from the site of Chiripa in collaboration with Christine Hastorf of University of California-Berkeley, 1995 – present.

Human Osteologist and Project Co-Director, Proyecto Jach'a Machaca, Desaguadero River Basin, Bolivia. A bi-national, multidisciplinary project that encompasses survey, ethnohistory, and mortuary, domestic, and monumental archaeology. Excavations focus on the major prehistoric site of Khonko Wankané. Co-directed, with John Janusek of Vanderbilt University, mortuary and domestic excavations, 1999 – 2001. Analysis, curation, and interpretation of human skeletal material, 1999 – 2007.

Human Osteologist, Proyecto Arqueológico Pumapunku-Akapana, Tiahuanaco, Bolivia. Analysis and interpretation of human skeletal material from the Pumapunku sector of the site of Tiwanaku, in collaboration with Jason Yaeger of University of Wisconsin, 2003 – 2008.

Human Osteologist, Proyecto Arqueológico Cerro Baúl, Moquegua, Peru. Analysis and interpretation of human skeletal material from the site of Cerro Baul, in collaboration with Patrick Ryan Williams of Field Museum, 2002 – 2007.

Human Osteologist, Highgate/Swanton, Vermont. Analysis of remains from historic Native American burial grounds located on Monument Road and housed in the Abenaki Tribal Center. Work with the Abenaki and the State of Vermont regarding dispute and repatriation and reburial, September 2000 – 2002.

Human Osteologist, St. Johnsbury, Vermont. Analysis of remains from the historic Euro-American cemetery located on lands pertaining to the Caledonia County courthouse, in collaboration with John Crock of University of Vermont, June, 2000 – 2001.

Human Osteologist and Project Co-Director, Proyecto Icla, Chuquisaca, Bolivia. Analysis and curation of human skeletal material from the prehistoric site of Pukarilla, as well as regional survey, excavation, and basic ceramic analyses. Investigations in 1999 focused on agricultural, domestic, and mortuary excavations at the site of Guadalupe, while more recent work has focused on analysis and generation of reports and articles. Co-directed with John Janusek of Vanderbilt University, 1995 – 2001.

Investigator, Non-Destructive Lead Testing of Ancient Human Bone, Burlington, Vermont. A joint project with David Fleming (Mount Allison University, New Brunswick). This project explored the use of methods to measure lead concentration in human bone from pre and post-contact human remains from Latin America, 1998 – 2002.

Director, Primate Behavioral Studies, Nashville Zoo. Baseline behavioral data collected on siamangs housed at the Breeding and Quarantine Facility in Joelton, TN. First phase data collection carried out by supervision of students in the course entitled “Non-human Primate Social Behavior.” Second phase carried out by introductory biological anthropology students after the primates were moved to the public Grassmere facility, 2000 –2001.

Project Director, Museo Arqueológico Regional and Museo Contisuyo, Moquegua, Peru. Inventory and analysis of human remains from the Chen Chen, Omo, M16, M162, and Pampa Huaracane prehistoric sites. Assisted in additional excavation of human burials from the Chen Chen site. Directed and trained students and laboratory assistants from the US and Peru in the various fundamentals of basic human osteological research. This project completed analysis of approximately 1000 human skeletons, 1993 – 1999.

Research Assistant to Alan L. Kolata, University of Chicago, Department of Anthropology, 1997.

Crew Member, Pampa Koani, Quiripujo, Bolivia. Excavation of the CK-65 Mound (Kirawi) site, 1996.

Project Director, Tiwanaku, Tiahuanaco, Bolivia. Analysis and curation of prehistoric human skeletal material from the urban sites of Tiwanaku, and Lukurmata. Excavation and analysis of human remains from various Pampa Koani rural sites. Directed and trained students and laboratory assistants from Bolivia in fundamental of basic human osteological

research. This project completed analysis of approximately 500 human skeletons, 1993 – 1997.

Human Osteologist, Algarrobal Museum, Ilo, Peru. Collection of data on skeletal collections from the Late Intermediate sites of El Yaral, Chiribaya Alta, Chiribaya Baja, and San Gerónimo, 1995.

Research Assistant to Jane E. Buikstra, University of Chicago, Department of Anthropology, 1991 – 1995.

Research Assistant to Daniel Freedman, University of Chicago, Department of Human Development, 1990 – 1991.

Crew Member, University of Chicago Field School, Kampsville, IL. Excavation and laboratory analysis of the Moundhouse site cultural material and human skeletal samples from other sites in the area, 1991.

Crew Member, Proyecto Arqueológico Copán, Copán, Honduras. Excavation and analysis of burials from the Sepulturas and Copán sites, 1990 and 1992.

Crew Member, University of Houston Field School and Archaeology Laboratory, Houston, TX. Excavation and analysis of excavated material from the Levi Jordan Plantation site, Brazoria, TX, 1989 – 1990.

Conference Symposia Organized

Organized symposium with Nicole Couture and Maria Bruno entitled *Recent Advances at Tiwanaku, Bolivia: Mollo Kontu's Jach'a Marka Project*. Held at the 74th Annual Meeting of the Society for American Archaeology, Atlanta, Georgia, April 23, 2009.

Organized symposium with Julie Farnum entitled *Uncovering Social Organization in the Andes: Recent Developments in Bioarchaeology*. Held at the 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada, April 3, 2004.

Conference Papers

Skirting Around the City: "Being Tiwanaku" at Mollo Kontu. Deborah E. Blom, Nicole C. Couture and Maria C. Bruno. Invited paper presented in the symposium Being Tiwanaku: New Perspectives on Social Identity in the Middle Horizon, organized by Sarah I. Baitzel, 74th Annual Meeting of the Society for American Archaeology, Atlanta, Georgia, April 24, 2009.

What are they doing with their Dead? Local Mortuary Practices at Mollo Kontu, Tiwanaku. Nicole C. Couture, Deborah E. Blom, Dennise Rodas S., Eduardo Machicado, and Ruth Fontenla. Paper presented in the symposium *Recent Advances at Tiwanaku, Bolivia: Mollo Kontu's Jach'a Marka Project* organized by Nicole C. Couture, Deborah E. Blom and Maria C. Bruno, 74th Annual Meeting of the Society for American Archaeology, Atlanta, Georgia, April 23, 2009.

A Multidisciplinary Approach to Human Skeletal Analysis at Mollo Kontu, Tiwanaku (Bolivia). Carrie Anne Berryman, Kelley J. Knudson, Sara K. Simon, Shannon L. Wilson (University of Vermont student) and Deborah E. Blom. Paper presented in the symposium

Recent Advances at Tiwanaku, Bolivia: Mollo Kontu's Jach'a Marka Project organized by Nicole C. Couture, Deborah E. Blom and Maria C. Bruno, 74th Annual Meeting of the Society for American Archaeology, Atlanta, Georgia, April 23, 2009.

Microfaunal Remains from Tiwanaku. James Pokines, Deborah E. Blom, and Nicole C. Couture. Paper presented in the symposium *Recent Advances at Tiwanaku, Bolivia: Mollo Kontu's Jach'a Marka Project* organized by Nicole C. Couture, Deborah E. Blom and Maria C. Bruno, 74th Annual Meeting of the Society for American Archaeology, Atlanta, Georgia, April 23, 2009.

Development of Bioarchaeological Research in the Contisuyo. Deborah E. Blom, Maria C. Lozada C. and Jane E. Buikstra. Invited paper presented in the symposium *25 Years of Contisuyo: Building a Multi-Generational Archaeological Research Program*, organized by Patrick Ryan Williams, 73rd Annual Meeting of the Society for American Archaeology, Vancouver, BC, Canada, March 29, 2008.

Isotopic Insight into Middle Horizon Urbanism: Dietary Resource Distribution and Residential Mobility at Tiwanaku. Carrie Anne Berryman, Kelly J. Knudson, Deborah E. Blom, and Robert H. Tykot. Invited paper to be presented in the symposium *Advances in Andean Isotopic Research: Movement and Subsistence through Space and Time*, organized by Bethany L. Turner & Barbara R. Hewitt, 73rd Annual Meeting of the Society for American Archaeology, Vancouver, BC, Canada, March 29, 2008.

Paleodietary Insight into the Rise of the State in the Southern Titicaca Basin: The View from Khonkho Wankane. Carrie Anne Berryman, Deborah E. Blom, and Robert H. Tykot. Invited paper presented in the symposium *Khonkho Wankane and Beyond: Recent Research in the Machaca Region of Bolivia*, organized by Arik Ohnstad and Scott Smith, 72nd Annual Meeting of the Society for American Archaeology, Austin, Texas, April 27, 2007.

Relationships between Tiwanaku Mortuary Behavior and Geographic Origins at Chen Chen (Moquegua, Peru). Deborah E. Blom and Kelly J. Knudson. Invited paper presented in the symposium *Seated, Flexed, East and West: New Research on Mortuary Practice in the Tiwanaku Diaspora: Cochabamba, Bolivia, and Moquegua, Peru* organized by Karen Anderson and Paul Goldstein, 72nd Annual Meeting of the Society for American Archaeology, Austin, Texas, April 26, 2007.

Paleodiet and the Tiwanaku State: A Bioarchaeological Assessment of Exchange Networks and State Formation Processes. Carrie Anne Berryman, Paula Tomczak, Deborah E. Blom, and Robert H. Tykot. Invited paper presented in the symposium *Bioarchaeological Insights into Ancient Imperialism: Perspectives from the Old and New Worlds*, organized by Tiffany Tung and Corina Kellner, 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico April 27, 2006.

Prehispanic Andean State Formation, Residence Patterns, and Health during the Middle Horizon. Deborah E. Blom. Invited paper presented in the symposium *The Dead Tell Tales: Jane Buikstra and Narratives of the Past*, organized by Maria Cecilia Lozada and Barra ÓDonnabháin, 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico April 27, 2006.

The Life History of an Inka Sacrifice Using Archaeological Chemistry. Kelly J. Knudson, Jason Yaeger, and Deborah E. Blom. Paper presented at the 75th Annual Meeting of the American Association of Physical Anthropology, Anchorage, Alaska March 9, 2006.

The Bioarchaeology of Identity: Case Studies from the South Central Andes. Kelly J. Knudson, Deborah E. Blom, T. Douglas Price, Jane E. Buikstra. Invited paper presented in the symposium *Tensions, Techniques, and Theorizing: Bioarchaeology Today*, organized by Kenneth Nystrom, 103rd Annual Meeting of the American Anthropological Association, Atlanta, Georgia, December 17, 2004.

Evidencia de Sacrificios Humanos y Veneración Ancestral en Tiwanaku. Deborah Blom. Invited paper presented in the symposium *Arqueología de la Cuenca del Lago Titicaca*, organized by José Luis Paz and Carlos Lémuz. Primer Congreso de Arqueología Boliviana Carrera de Arqueología y Antropología de la Facultad de Ciencias Sociales de la Universidad Mayor de San Andrés. La Paz, Bolivia, June 22, 2004.

Migration in the Middle Horizon: Bone Chemistry and the Nature of the Tiwanaku Polity in the South Central Andes. Kelly J. Knudson, T. Douglas Price, Jane E. Buikstra, and Deborah E. Blom. Invited paper presented in the symposium *Uncovering Social Organization in the Andes: Recent Developments in Bioarchaeology*, organized by Deborah E. Blom and Julie Farnum, 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada, April 3, 2004.

Mortuary Remains on the Mountain. Deborah Blom, Ryan Williams, and Donna Nash. Invited paper presented in the symposium *Production and Consumption on the Wari-Tiwanaku Frontier*, organized by Patrick Ryan Williams and chaired by Donna Nash. The 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada, April 1, 2004.

Visualizing the Urban and Monumental Components of the Tiwanaku State: New Perspectives from Geophysics in the Andean Altiplano. Patrick Ryan Williams, John Wayne Janusek, Christopher Dayton, Benjamin Vining, Nicole Couture, and Deborah Blom. Paper presented at the workshop *Digital Technologies in Archaeology*. National Research Council of Italy, Rome, November 5, 2003.

Visualizing the Urban and Monumental Components of the Tiwanaku State: New Perspectives from Geophysics in the Andean Altiplano. Patrick Ryan Williams, Deborah Blom, Nicole Couture, Christopher Dayton, John Wayne Janusek, and Benjamin Vining. Paper presented at the 22nd Annual Northeast Conference on Andean Archaeology and Ethnohistory, Harvard University, Cambridge, Massachusetts, November 1-2, 2003.

Diversidad Interna en Tiwanaku y Chiribaya: Estructuras Sociopolíticas Serranas y Costeras. Deborah E. Blom, Maria C. Lozada C., and Benedikt Hallgrímsson. Invited for the symposium *Tiwanaku and its Successors*, organized by Mario A. Rivera and Alan L. Kolata, 51st International Congress of Americanists (Congreso Internacional de Americanistas), Santiago, Chile, July 14, 2003.

Las Relaciones Biológicas y Culturales entre Tiwanaku y Chiribaya en la Cuenca del Osmore. Maria C. Lozada C., Deborah E. Blom, Benedikt Hallgrímsson, and Jane E. Buikstra. Invited for the symposium *Tiwanaku and its Successors*, organized by Mario A.

Rivera and Alan L. Kolata, 51st International Congress of Americanists (Congreso Internacional de Americanistas), Santiago, Chile, July 14, 2003.

Health and Variation in Moquegua's Tiwanaku Settlements. Deborah E. Blom, Eleanor Shoreman, and Linda Keng. Invited for the symposium *The Foundations of South Highland Andean Civilization: Papers in Honor of Michael E. Moseley*, organized by Patrick Ryan Williams and Charles Stanish, 68th Annual Meeting of the Society for American Archaeology, Milwaukee, Wisconsin, April 11, 2003.

Repatriation and Monument Road: Working with the Abenaki to Find a Solution. Deborah E. Blom. Paper presented at the Annual Meeting of the Northeastern Anthropological Association, Burlington, Vermont, March 23, 2003.

Tiwanaku Residential Mobility, Migration, and Ritual Behavior as Determined by Archaeological Chemistry. Kelly J. Knudson, T. Douglas Price, Jane E. Buikstra, and Deborah E. Blom. Paper presented at the 31st Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory, February 22-23, 2003.

Khonkho Wankane and the Desaguadero Basin: Recent Research and New Perspectives. John W. Janusek, Carlos Lémuz, Andy Roddick, Arik Ohstad, Jake Fox, Maria Bruno, and Deborah Blom. Paper presented at the 43rd Annual Meeting of the Institute of Andean Studies, Berkeley, California, January 11, 2003.

Steps Forward and Steps Back: Repatriation and DNA Legislation in the State of Vermont. Deborah E. Blom and Chief April St. Francis Rushlow. Invited for the symposium *Repatriating Native North America: Anticipating 21st Century Sovereignties*, organized by Bernard Perley, 101st Annual Meeting of the American Anthropological Association, New Orleans, Louisiana, November 20, 2002.

Prehistoric Population Movements in Southern Coastal and Highland Peru: Bone Isotopic Evidence. Paula Tomczak, Stanley Ambrose, and Deborah Blom. Paper presented at the 71st Annual Meeting of the Association of American Physical Anthropology, Buffalo, New York, April 12, 2002.

Bioarchaeology and Diversity in Tiwanaku Society. Deborah E. Blom. Invited for the symposium *Diversity within Andean Polities: Peripheral Areas vs. Core Areas*, organized by Tom Zoubek and Christine Beaulé, 67th Annual Meeting of the Society for American Archaeology, Denver, Colorado, March 22, 2002.

Explicando la Diversidad: Migración y Comercio en los Valles del Este, Icla-Bolivia. Deborah E. Blom and John W. Janusek. Invited paper presented at the *II Simposio de Actualización de Arqueología de Bolivia*, organized by Dante Angelo and Pilar Lima. Universidad Mayor de San Andrés. La Paz, Bolivia, June 28, 2001.

Dinámicas de Grupos en Tiwanaku: Un Aporte Bio-Arqueológico. Deborah E. Blom. Invited paper presented at the *II Simposio de Actualización de Arqueología de Bolivia*, organized by Dante Angelo and Pilar Lima. Universidad Mayor de San Andrés. La Paz, Bolivia, June 27, 2001.

Tiwanaku Residential Mobility as Determined by Strontium and Lead Isotope Analysis. Kelly J. Knudson, T. Douglas Price, Jane E. Buikstra, and Deborah E. Blom. Invited for the symposium *Resolution and Refinement: Leading Edge Research in Archaeological*

Chemistry, organized by Kelly Knudson and David Meiggs, 66th Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana, April 22, 2001.

Explaining Diversity: Migration and Trade in the Eastern Valleys, Icla region, Chuquisaca, Bolivia. Deborah E. Blom and John W. Janusek. Paper presented at the 66th Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana, April 20, 2001.

Two Distinct Patterns of Cutmarks as Evidence for Human Sacrifice and Ancestor Worship in Tiwanaku, Bolivia. Deborah E. Blom. Poster presented at the 70th Annual Meeting of the Association of American Physical Anthropology, Kansas City, Kansas, March 29, 2001.

Geophysical Survey and Tiwanaku Urbanism. Patrick Williams, Deborah Blom, Nicole Couture, Kenneth Sims, and Donna Nash. Paper presented at the 29th Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory. Ann Arbor, Michigan, February 25, 2001.

Re-evaluating the Evidence for Human Sacrifice at Tiwanaku. Deborah E. Blom. Paper presented at the 19th Annual Northeast Conference on Andean Archaeology and Ethnohistory, Dartmouth College, Hanover, New Hampshire, November 3, 2000.

Kinship, Sex and Identity in Tiwanaku Society. Deborah E. Blom. Paper presented at the 65th Annual Meeting of the Society for American Archaeology, Philadelphia, Pennsylvania, April 6, 2000. Invited for the symposium *Segmentation and Political Process: A View from the New World*, organized by Glen Rice and Christopher P. Garraty.

Civilization on the Andean Fringe: Trade and Local Power in Icla, Bolivia. John W. Janusek, Deborah E. Blom, and Pablo Rendón. Paper presented at the 18th Annual Northeast Conference on Andean Archaeology and Ethnohistory, University of Massachusetts, Amherst, Massachusetts October 24, 1999.

Tiwanaku Group Dynamics: A Bioarchaeological Approach. Deborah E. Blom. Invited for the symposium *Us and Them: The Assigination of Ethnicity in the Andean Region, Methodological Approaches*, organized by Richard Reycraft, 64th Annual Meeting of the Society for American Archaeology, Chicago, Illinois, March 26, 1999.

State Consolidation and Social Differentiation in Tiwanaku Cities. John W. Janusek and Deborah E. Blom. Invited for the symposium *Population and Pre-industrial Cities: Old and New World*, organized by Glenn R. Storey, 97th Annual Meeting of the American Anthropological Association, Philadelphia, Pennsylvania, December 5, 1998.

Bioarchaeology and Long-Term History at Chiripa. Deborah E. Blom and Matthew S. Bandy. Invited for the symposium *Toward an Understanding of Early Community Development around Lake Titicaca: Recent Research at Chiripa, Bolivia*, organized by Christine A. Hastorf, 63rd Annual Meeting of the Society for American Archaeology, Seattle, Washington, March 28, 1998.

The Nature of Wari Militarism at Cerro Baul. Johnny Isla C., Patrick R. Williams, Lucina Medina, and Deborah E. Blom. Invited for the symposium *Sociopolitical Impact of the Arrival of the Bow and Arrow Technology in the Andes*, organized by David L. Browman, 63rd Annual Meeting of the Society for American Archaeology, Seattle, Washington, March 27, 1998.

Rituals of Death in Prehispanic Tiwanaku. Deborah E. Blom, John W. Janusek, and Jane E. Buikstra. Paper presented at the 25th Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory, Madison, Wisconsin, February 23, 1997.

Biology and Culture in the Prehispanic South-Central Andes. Deborah E. Blom, Maria C. Lozada C., Benedikt Hallgrímsson, Linda Keng, and Jane E. Buikstra. Paper presented at the 62nd Annual Meeting of the Society for American Archaeology, Nashville, Tennessee, April 2, 1997.

Patrones Microevolucionarios y Poblaciones Bioarqueológicas en la Costa del Osmore, Sur del Perú. M. C. Lozada, Benedikt Hallgrímsson, Deborah E. Blom, Lee Blue, Sonia Guillén, and Jane E. Buikstra. Invited paper presented at the Seminario “*Arqueología de Ilo,*” organized by Centro Cultural de la Pontificia Universidad Católica del Perú. Lima, Peru, August 24, 1997.

La Deformación Craneana Artificial: una Práctica Cultural entre los Pobladores Chiribaya de Ilo, Sur del Perú. M. C. Lozada, Deborah E. Blom, and Jane E. Buikstra. Invited paper presented at the Seminario “*Arqueología de Ilo,*” organized by Centro Cultural de la Pontificia Universidad Católica del Perú. Lima, Peru, August 24, 1997.

Bioarqueología e Inmigración de Tiwanaku en Moquegua. Deborah E. Blom, Maria C. Lozada C., and Jane E. Buikstra. Invited paper presented at the *I Encuentro de Arqueología del Sur Peruano “Francisco Fahlman,*” organized by Museo Contisuyo. Moquegua Peru, July 29, 1997.

Evaluating Verticality through Cranial Deformation Patterns in the South Andes. María C. Lozada C., Deborah E. Blom, and Jane E. Buikstra. Paper presented at the 61st Annual Society for American Archaeology meetings, New Orleans, Louisiana, April 13, 1996.

A Bioanthropological Approach to Tiwanaku-Moquegua Valley Interaction. Deborah E. Blom, Dale J. Yeatts, and Jane E. Buikstra. Paper presented at the 60th Annual Meeting of the Society for American Archaeology, Minneapolis, Minnesota, 1995.

Refereed Publications

The Complex Relationship between Tiwanaku Mortuary Identity and Geographic Origin in the South Central Andes. Kelly J. Knudson and Deborah E. Blom. In *Bioarchaeology and Identity in the Americas*, edited by Kelly J. Knudson and Christopher M. Stojanowski. University Press of Florida, Gainesville, pp. 194-211, 2009.

Hacia una Imagen del Espacio Social en Tiwanaku: Perspectivas por Medio de Métodos Geofísicos en el Altiplano Boliviano. Benjamin Vining, Patrick Ryan Williams, Deborah E. Blom and Nicole C. Couture. In *Arqueología de las Tierras Altas, Valles Interandinos y Tierras Bajas de Bolivia: Memorias del I Congreso de Arqueología de Bolivia*, edited by Claudia Rivera Casanovas. La Paz: Instituto de Investigaciones Antropológicas y Arqueológicas, Universidad Mayor de San Andrés, pp.63-76, 2008.

Evidence for Lead Diagenesis in Ancient Bones of the Southern Andes. David E. B. Fleming and Deborah E. Blom. *Nuclear Instruments and Methods in Physics Research B* 263 (1): 41-45, 2007.

Urban Structure at Tiwanaku: Geophysical Investigations in the Andean Altiplano. Patrick Ryan Williams, Nicole Couture, and Deborah Blom. In *Remote Sensing in Archaeology*, edited by James Wiseman and Farouk El-Baz. New York: Springer, pp. 423-441, 2007.

Repatriation and Monument Road: Abenaki and Archaeologists' Efforts to Find a Solution. Deborah E. Blom, James Petersen, and Fred Wiseman. In *Cross-Cultural Collaboration: Native Peoples and Archaeology in the Northeastern United States*, edited by Jordan E. Kerber. University of Nebraska Press, pp. 76-93, 2006.

Identifying Tiwanaku Urban Populations: Style, Identity, and Ceremony in Andean Cities. John W. Janusek and Deborah E. Blom. In *Urbanism in the Preindustrial World: Cross-Cultural Approaches*, edited by Glenn R. Storey. Tuscaloosa: University of Alabama Press, pp. 233-251, 2006

A Bioarchaeological Approach to Tiwanaku Group Dynamics. Deborah E. Blom. In *Us and Them: Archaeology and Ethnicity in the Andes*, edited by Richard Reycraft. Los Angeles, CA: Cotsen Institute of Archaeology, University of California, pp. 153-182, 2005.

Why Are Rare Traits Unilaterally Expressed?: Trait Frequency and Unilateral Expression for Cranial Non-Metric Traits in Humans. Benedikt Hallgrímsson, Barra Ó Donnabháin, Deborah E. Blom, Maria C. Lozada, and Katherine Willmore. *American Journal of Physical Anthropology*, 128(1): 14-25, 2005.

Strontium Isotope Analysis and Migration in the South Central Andes: Tiwanaku Colonization of the Moquegua Valley. Kelly J. Knudson, T. Doug Price, Jane E. Buikstra and Deborah E. Blom. In *Geoarchaeological and Bioarchaeological Studies 3: The 33rd International Symposium on Archaeometry, 22-26 April 2002*, edited by H. Kars and E. Burke, pp. 477-482, Amsterdam, 2005.

Anemia and Childhood Mortality: Pre- Columbian Latitudinal Patterns along the Coast of Peru. Deborah E. Blom, Jane E. Buikstra, Linda Keng, Paula D. Tomczak, Eleanor Shoreman, and Debbie Stevens-Tuttle. *American Journal of Physical Anthropology* 127:152-169, 2005.

Embodying Borders: Human Body Modification and Diversity in Tiwanaku Society. Deborah E. Blom. *Journal of Anthropological Archaeology*, 24:1-24, 2005.

Making Place: Humans as Objects of Dedication in Tiwanaku Society. Deborah E. Blom and John W. Janusek. *World Archaeology* 36(1):123-141, 2004.

The Use of Strontium Isotope Analyses to Investigate Tiwanaku Migration and Mortuary Ritual in Bolivia and Peru. Kelly J. Knudson, T. Douglas Price, Jane E. Buikstra, and Deborah E. Blom. *Archaeometry* 46(1):5-18, 2004.

A Re-evaluation of Human Remains from Tiwanaku. Deborah E. Blom, John W. Janusek, and Jane E. Buikstra. In *Archaeology and Paleoecology in the Tiwanaku Heartland: Volume II, Rural and Urban Archaeology*, edited by Alan L. Kolata. Washington, DC: Smithsonian Institution Press, pp. 435-448, 2003.

El Período Formativo en Chiripa, Bolivia. Christine A. Hastorf, Matthew Bandy, William T. Whitehead, and Lee Steadman, with contributions from Deborah Blom, Emily Dean, Susan deFrance, Rachel Goddard, David Kojan, Kate Moore, José Luis Paz Soria, and David W.

Steadman. *Textos Antropológicos* (La Paz, Bolivia) 13 (1-2): 17-91, 2001 (contributed freestanding section on human osteology and mortuary practices).

Human Remains and Mortuary Analysis. Deborah E. Blom and Matthew S. Bandy. In *Early Settlement at Chiripa, Bolivia: Research of the Taraco Archaeological Project*, Contribution of the University of California Archaeological Research Facility, No. 57, edited by Christine A. Hastorf. Berkeley, CA: University of California, Berkeley Archaeological Research Facility, pp. 117-122, and 133-136, 1999.

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

Non-Refereed Publications and Scientific Research Reports

Summary Description of Human Bone from the Site of Mollo Kontu: Excavations 1996 Through 2008. Deborah Blom and Shannon Wilson. Presented to Nicole Couture, McGill University and Maria Bruno, Washington University, to be included in a final report to the Bolivian Institute of Archaeology, 2009, 10 pages.

Comments. Deborah E. Blom. Invited commentary on "Diet, Tuberculosis, and the Paleopathological Record" by Alicia K. Wilbur, Amy W. Farnbach, Kelly J. Knudson and Jane E. Buikstra. *Current Anthropology*, 49(6): 978-979, 2008.

Proyecto Arqueológico Jach'a Marka: Informe de Investigaciones Realizadas en 2007. Presented to the Unidad Nacional de Arqueología (UNAR), Bolivia; the Community of Wankollo, the Municipal Government of Tiahuanaco, and the Consejo de Ayllus y Comunidades Originarios de Tiwanaku. Nicole C. Couture, Deborah E. Blom, and Maria C. Bruno, 2008, 125 pages.

Report on Human Bone from the Taraco Archaeological Project, 1997-2005. Deborah E. Blom. Presented to Christine Hastorf, University of California, Berkeley, to be included in report to the Bolivian Institute of Archaeology, 2007, 207 pages.

Proyecto Arqueológico Jach'a Marka. Informe Temporada 2006. Presented to the Dirección Nacional de Arqueología (DINAR). Nicole C. Couture, Maria C. Bruno and Deborah E. Blom, 2007, 150 pages.

Diversidad Urbana en Tiwanaku: Arqueología Funeraria y Residencial en Mollo Kontu. Informe de Investigaciones Realizadas en 2005 por el Proyecto Jach'a Marka. Nicole C. Couture and Deborah E. Blom. Presented to the Unidad Nacional de Arqueología (UNAR), Bolivia; the Community of Wankollo, the Municipal Government of Tiahuanaco, and the Consejo de Ayllus y Comunidades Originarios de Tiwanaku, 2006, 160 pages.

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