

# Debra L. Martin

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## Education

- 2001 Intensive Spanish, CETLALIC Cuernavaca, Mexico  
1992 Intensive Spanish, Proyecto Linguistico Francisca Morroquin Antigua, Guatemala  
1984 Post-Doctoral Training in Skeletal Biology (NIH Awardee) Endocrinology and Metabolism, University of Connecticut Medical School (1 year) Nutrition Sciences, University of Massachusetts/Amherst (2 years)  
1983 PhD and MA (1979) Biological Anthropology, University of Massachusetts/Amherst. Dissertation "Paleophysiological Aspects of Bone Remodeling in the Meroitic, X-Group and Christian Populations from Sudanese Nubia" *Dis. Abstract Int.* 44(10):238  
1977 BA Biological Anthropology, Cleveland State University, Ohio

## Research Interests

**Bioarchaeology/Biocultural Adaptation:** Paleopathology and health in past populations, violence and trauma, diet, nutrition and disease, agriculture and health in arid environments, environmental effects on health, bone morphology and densitometry, bone diseases (osteoporosis and osteoarthritis)

**Contemporary Health:** violence against women, health in indigenous communities, Native American health, US-Mexico border health, globalization and health, osteoporosis in high-risk populations, nutritional assessment

**Field work:** American Southwest, Mexico (north and central), Southwest Asia (UAE), northern Africa (Egypt and Sudan)

## **Sigma Xi Distinguished Public Lecturer 2000-2003**

"Violence Against Women in Ancient America"

"Brain Surgery, Pregnancy Tests and False Teeth: Ancient Inventions in Health Care"

"The Women Who Came Before Us: Diet, Health and healing in the Ancient World"

"Skeletal Plasticity: Reading Bones for Clues to Past Behavior"

## Academic Employment

- 2006-Present Associate Professor, Biological Anthropology, University of Nevada, Las Vegas  
1996-2006 Professor, Biological Anthropology, Hampshire College, Amherst MA  
1987-1996 Associate Professor, Biological Anthropology, Hampshire College, Amherst MA  
1981-1987 Assistant Professor, Biological Anthropology, Hampshire College, Amherst MA  
1999-2002 Dean, School of Natural Science, Hampshire College, Amherst MA  
1995-1997 Dean of Advising and Acting Dean of Students, Hampshire College, Amherst MA  
2003 Visiting Professor of Biological Anthropology, Dartmouth College, Hanover, NH  
1990-2006 Adjunct Professor, Anthropology Graduate Faculty, University of Massachusetts, Amherst  
1997, 1999 Visiting Professor of Anthropology, Fort Lewis College, Durango CO  
1985-1986 Visiting Assistant Professor of Biological Anthropology, New York University

## Professional Societies and Positions

Book Editor, International Journal of Osteoarchaeology

American Association of Physical Anthropology (AAPA)

American Association of Anthropology (AAA) Member, Long Range Planning Committee (2007-2010), ) AAA Executive Program Committee (2000-2003), AAA Nominations Committee (2000-2003), BAS secretary-treasurer (1997-1999), AAA Executive Program Committee (2000-2003), AFA Board (2000-2003), Newsletter Editor (1995-1997) BAS member at large (1991-1993) program chair (1993-1995)

Society of American Archaeology (SAA)  
Sigma Xi, The Scientific Research Society

### **Current Field and Lab Research Sites and Projects**

- 2007-pres **Hall of Columns, La Quemada**, Zacatecas (PI Ventura Perez and Andrew Darling), Director of Bioarchaeological analyses (funding pending)
- 2007-pres. **Virgin Anasazi/Lost City Project**, co-PI on NAGPRA compliance and repatriation project
- 2007-pres. **Zacatecas Bioarchaeology Project**, Zacatecas, Mexico. Senior Member.
- 2004-2007 **Ixilco el Grande and Emiliano Zapato**, Morelos, Mexico, NSF project on nutrition and agriculture
- 2003-present **United Arab Emirates**, curriculum development UAE University, Al Ain, in archaeology and Museum Studies; Excavation and skeletal analyses (Tell Abraq, Jebel al Emalah)
- 20024-present **American Museum of Natural History**, New York City, Reanalysis of Southwest Human Remains
- 2000-2001 **Hopi Reservation**. Bone density, diet and health of Hopi women, Second Mesa, Arizona
- 1996-2006 **U.S. Southwest and Mexico Program**. Director for student research, internships, fieldwork, liaison with Fort Lewis College, Durango, CO and Mexico-North Research Network, Chihuahua, Mexico
- 1996-pres. **Crow Canyon Archaeological Center**. Research Associate.
- 1996-pres. **La Quemada, Zacatecas, Mexico**. Research Associate.
- 1995-1996 **Mesa Verde National Park**. Analysis of skeletal remains; NAGPRA compliance
- 1995-1998 **Egypt** Analysis of skeletal remains, Cairo
- 1993 **Las Animas/Ridges Basin Project**. Analysis of skeletal remains; NAGPRA compliance
- 1992-pres. **La Plata River Valley Highway Project**, New Mexico. Analysis of skeletal remains and NAGPRA compliance
- 1990 **Mexico City and Yucatan**. Training and Consultation. Analysis of skeletal remains
- 1990-1995 **Egypt and Sudan**. Analysis of skeletal remains.
- 1979-1985 **Black Mesa Archaeological Field Project**, Arizona. Excavation and analysis of skeletal remains; NAGPRA compliance

### **Publications -- Books, Monographs and Edited Volumes**

- In progress Martin DL Health in American Before Columbus: A Primer in Paleopathology, School of Advanced Research Scholar Series
- Martin DL The Women Who Came Before Us: Health in the Ancient World, Kumarian Press
- 2001 Martin DL, Akins NJ, Goodman AH, Toll, W, Swedlund AC. Harmony and Discord: Bioarchaeology of the La Plata Valley. Santa Fe: Museum of New Mexico Press
- 1997 Martin DL, Frayer D eds. Troubled Times: Evidence for Violence and Warfare in the Past New York: Gordon and Breach (War and Society Series Volume VI)
- 1991 Martin DL, Goodman AH, Armelagos GJ, Magennis AL. Black Mesa Anasazi Health: Reconstructing Life from Patterns of Death and Disease. Carbondale: Southern Illinois University Press
- 1984 Goddard N, Martin, DL eds. Teaching About Culture and Reproduction, Women's Studies Quarterly Vol. XII(4)
- 1981 Martin DL, Bumsted MP eds. Biocultural Adaptation: Comprehensive Approaches to Skeletal Analyses, Amherst, Mass.: Department of Anthropology Research Report No. 20

### **Publications -- Journal Articles and Book Chapters**

Martin, DL, Akins NJ, Crenshaw, B, Stone, PK. Inscribed on the Body, Written in the Bones: The Consequences

- of Social Violence at La Plata. In: Multidisciplinary Approaches to Social Violence in the Prehispanic Southwest Crown, P. and Nichols, D eds. University of Arizona Press. (In Press, expected 2007)
- Perez, VR, Nelson, BA and Martin, DL. Veneration or Violence? A Study of Variations in Patterns of Human Bone Modification at La Quemada. In: Multidisciplinary Approaches to Social Violence in the Prehispanic Southwest Crown, P. and Nichols, D eds. University of Arizona Press. (In press, expected 2007)
- Martin, DL. Reanalysis of Trauma in the La Plata Valley (900-1300): Strategic Social Violence and the Bioarchaeology of Captivity. In: Reanalysis and Reinterpretation in Southwestern Bioarchaeology, ALW Stodder, ed. Arizona State University. (In press, expected 2007)
- Martin, DL. Ripped Flesh and Torn Souls: Evidence for Slavery in the Prehistoric Southwest (AD 800-1500). In: Invisible Citizens: Slavery in Ancient Pre-State Societies, C. Cameron, ed. University of Utah, Salt Lake City. (In Press, expected 2008)
- 2006 Martin, DL, Goodman, AH. Health Conditions Before Columbus: Paleopathology of Native North Americans. In: Health and Healing in Comparative Perspective, ED Whitaker, ed. Prentice Hall, New Jersey. Pp. 211-216.
- 2005 Cope, JM, Berryman, AC, Martin, DL and Potts, DT. Robusticity and Osteoarthritis at the Trapeziometacarpal Joint in a Bronze Age Population from Tell Abraaq, UAE. American Journal of Physical Anthropology 126:391-400
- 2004 Martin, DL, Nelson, B. and Perez, VR Patrones de Modificati6n en Huesos Humanos de La Quemada, Zacatecas: Hallazgos Prelimnarios. In: Perspectiva Tafon6mica, CM Pijoan Aguad6 and Z.L. Lizarraga Cruchaga, eds. Serie Antropologfa Ffsica Instituto Nacional de Antropologfa e Historia, Mexico City. Pp. 155-172.
- 2003 Martin, DL, Horowitz, S. Anthropology and Alternative Medicine: Orthopedics and the Other. Techniques in Orthopaedics 18(1): 130-137.
- 2003 Sananman EM, Martin, DL, Kaku, T. Childbirth in Japan Compared with Childbirth in the USA. School of Health Sciences Kyushu University 1:15-22.
- 2002 Kuckelman KL, Lightfoot RR, Martin DL. The Bioarchaeology and Taphonomy of Violence at Castle Rock and Sand Canyon Pueblos, Southwestern Colorado. American Antiquity 67:486-513.
- 2002 Goodman AH, Martin DL. Reconstructing Health Profiles from Skeletal Remains. In: The Backbone of History: Health and Nutrition in the Western Hemisphere Steckel RH, Rose JC, eds. England: Cambridge University Press. Pp 11-60.
- 2002 Stodder ALW, Martin DL, Goodman AH, Reff DT. Cultural Longevity in the Face of Biological Stress: The Anasazi of the American Southwest. In: The Backbone of History: Health and Nutrition in the Western Hemisphere. Steckel RH, Rose JC, eds. England: Cambridge University Press. Pp 481-505.
- 2002 Martin DL, Goodman AH. Health Conditions Before Columbus: Paleopathology of Native North Americans. Western Journal of Medicine 176(1):65-68
- 2001 Martin DL, Perez, VR Dead Bodies and Violent Acts. Commentary. Anthropology News 42 (7): 8-9.
- 2001 Martin DL, Akins NJ. Unequal Treatment in Life as in Death: Trauma and Mortuary Behavior at La Plata (AD 1000-1300). Ancient Burial Practices in the American Southwest. Mitchell DR, Brunson-Hadley JL eds. Albuquerque: University of New Mexico Press. Pp. 223-248

- 2000 Dongoske KE, Martin DL, Ferguson TJ. Critique of the Claim of Cannibalism at Cowboy Wash. American Antiquity 65(1): 179-190
- 2000 Martin DL, Goodman AH. Health Conditions Before Columbus: The Paleopathology of Native North Americans. In: American Indian Health: Innovations in Health Care, Promotion, and Policy Rhoades ER ed. Baltimore: Johns Hopkins University Press. Pp. 19-40
- 2000 Martin DL. Bodies and Lives: Biological Indicators of Health Differentials and Division of Labor by Sex. In: Women and Men in the Prehistoric Southwest: Labor, Power and Prestige. Crown P ed. Santa Fe: School of American Research Press. Pp. 267-300
- 2000 Kuckelman KA, Lightfoot RR, Martin DL. Changing Patterns of Violence in the Northern San Juan Region. Kiva 66 (1):147-165.
- 1999 Goodman AG, Martin DL. The Potential Pitfalls of Evolutionary Medicine: Forager Peoples in Theory and in Reality. In: Food and Body. Guerci A ed. Genoa, Italy: Erga Edizioni. Pp. 90-104.
- 1998 Martin DL. Owning the Sins of the Past: Historical Trends in the Study of Southwest Human Remains. In: Building a New Biocultural Synthesis: Political-Economic Perspectives in Biological Anthropology. Goodman AH, Leatherman L eds. Ann Arbor: University of Michigan Press. Pp. 171-190
- 1997 Martin DL. Violence Against Women in a Southwestern Series (AD 1000-1300). In: Troubled Times: Violence and Warfare in the Past. Martin DL, Frayer D eds. New York: Gordon and Breach. Pp. 45-75
- 1995 Goodman AH, Martin DL, Armelagos GJ. The Biological Consequences of Inequality in Prehistory Rivista di Antropologia Vol. 73: 30-45
- 1995 Martin DL, Goodman AH. Demography, Diet and Disease in the Transitional Basketmaker III/ Pueblo I Period. In: Studies in Ridges Basin Archaeology. Smiley FE, Gregg SA eds. Arizona: Animas/La Plata Manuscript Series Research Paper No. 4. Pp.1-48
- 1994 Nelson BA, Martin DL, Swedlund AC, Fish PR, Armelagos GJ. Studies in Disruption: Demography and Health in the Prehistoric American Southwest. In: Understanding Complexity in the Prehistoric Southwest. Gumerman G, Gell-Mann M eds. Santa Fe Institute Studies in the Sciences of Complexity, Proceedings Volume XVI. Reading, MA: Addison-Wesley. Pp. 59-112
- 1994 Martin DL. Patterns of Diet and Disease: Health Profiles for the Prehistoric Southwest. In: Themes in Southwest Prehistory. Gumerman GJ ed. Santa Fe: School of American Research Press. Pp. 87-108
- 1992 Goodman AH, Martin DL, Klein CP, Peele MS, Cruse NA, McEwen LR, Saeed A, Robinson BM. Cluster Bands, Wilson Bands and Pit Patches: Histological and Enamel Surface Indicators of Stress in the Black Mesa Anasazi Population. Journal of Paleopathology Monograph Publication 2:115-127
- 1992 Goodman AH, Martin DL, Armelagos GJ. Health, Economic Change and Regional Political Economic Relations: Examples from Prehistory. MASCA Research Papers in Science and Archaeology 9:51-60
- 1992 Stodder ALW, Martin DL. Native Health and Disease in the American Southwest Before and After Spanish Contact. Disease and Demography in the Americas: Changing Patterns Before and After 1492. Ubelaker DH, Verano JW eds. Washington, DC: Smithsonian Institution Press. Pp. 55-73

- 1991 Martin DL. Bone Histology and Paleopathology: Methodological Considerations. In: Human Paleopathology: Current Syntheses and Future Options Ortner DJ, Aufderheide AC eds. Washington, DC: Smithsonian Institution Press. Pp. 55-59
- 1989 Martin DL, Armelagos GJ, Henderson KA, "The Persistence of Nutritional Stress in Northeastern African (Sudanese Nubian) Populations. In: Famine in Africa: Microperspectives. Vol I. Huss-Ashmore R, Katz S, eds. London: Gordon, Breach. Pp. 185-209
- 1989 Armelagos GJ, Brenton B, Alcorn M, Martin DL, VanGerven DP. Factors Affecting Elemental and Isotopic Variation in Prehistoric Human Skeletons. In: Bone Chemistry of Past Populations. Price TD ed. Cambridge: Cambridge University Press. Pp. 230-244
- 1987 Martin DL, Magennis AL, Rose JC. Cortical Bone Maintenance in an Historic Afro-American Cemetery from Cedar Grove, Arkansas. American Journal of Physical Anthropology 74:255-264
- 1987 Hurley MM, Martin DL, Raisz LG. Changes in Ethanol Concentration During Incubation in Multiwell Tissue Culture Trays. Proceedings Society for Experimental Biology and Medicine 186:139-141
- 1986 Martin DL, Armelagos, GJ. Histological Analysis of Bone Remodeling in Prehistoric Sudanese Nubia. Science and Egyptology. David RA ed. Manchester, England: Manchester University Press. Pp. 389-398
- 1985 Martin, DL, Armelagos GJ. Skeletal Remodeling and Mineralization as Indicators of Health: An Example from Prehistoric Sudanese Nubia. Journal of Human Evolution 14:527-537
- 1985 Magennis AL, Martin DL, Rubens L. Human Osteological Remains. In: Excavations on Black Mesa 1983 Christianson AL, Perry WJ eds. Carbondale, Illinois: Center for Archaeological Investigations Press. Pp. 445-450
- 1985 Martin DL, Piacentini C, Armelagos GJ. Paleopathology of the Black Mesa Anasazi: A Biocultural Approach. In: Health and Disease in the Prehistoric Southwest. Merbs CF, Miller RJ eds. Tempe, Arizona: Arizona State University Anthropological Research Papers No. 34. Pp. 104-114
- 1985 Martin DL, Goodman AH, Armelagos GJ. Skeletal Pathologies as Indicators of Quality and Quantity of Diet. The Analysis of Prehistoric Diets. Gilbert R, Mielke J eds. New York: Academic Press. Pp. 227-279
- 1984 Magennis AL, Martin DL. Osteological Remains from Excavated Sites. In: Excavations on Black Mesa 1982 Nichols DL, Smiley FE. eds. Carbondale, Illinois: Center for Archaeological Investigations Press. Pp. 805-811
- 1984 Martin DL, Armelagos GJ, Goodman AH, Van Gerven DP. The Effects of Socioeconomic Change in Prehistoric Africa. Paleopathology at the Origins of Agriculture Cohen MN, Armelagos GJ eds. New York: Academic Press. Pp. 193-214
- 1984 Goodman AH, Martin DL, Armelagos GJ. Indications of Stress from Bone and Teeth. In: Paleopathology at the Origins of Agriculture. Cohen MN, Armelagos GJ eds. New York: Academic Press. Pp.13-49
- 1984 Armelagos GJ, Van Gerven DP, Martin DL, Huss-Ashmore R. Effects of Nutritional Change on the Skeletal Biology of Northeast African (Sudanese Nubian) Populations. In: From Hunter to Farmers Clark JD, Brandt SA eds. Berkeley: U. of California Press. Pp.132-146
- 1984 Martin, DL, Horowitz S. An Anthropological Framework for Examining Reproduction and Sexuality. Women's Studies Quarterly XII(4):19-22

- 1983 Martin DL, Piacentini C. Osteological Recovery: Summary of Analyses. In: Excavations of Black Mesa 1981. Smiley FE, Nichols DL, Andrews PP eds. Carbondale, Illinois: Center for Archaeological Investigations Press. Pp. 501-505
- 1982 Armelagos GJ, Huss-Ashmore RA, Martin DL. Morphometrics as Indicators of Dietary Stress in Prehistoric Sudanese Nubia. MASCA Research papers in Science and Archaeology 2(1):22-26
- 1981 Martin DL, Armelagos GJ, Mielke J, Miendl, R. Dietary Stress in Prehistoric Populations from Sudanese Nubia. Bull. Mem. Soc. Anthropol. Paris Serie XIII:307-319
- 1981 Armelagos, GJ, Jacobs, K, Martin, DL, "Death and Demography in Prehistoric Nubia. In: Mortality and Immortality: The Anthropology and Archaeology of Death. Humphries S, King H eds. London: Academic Press Pp. 35-58
- 1981 Martin, DL. Microstructural Examination: Potential for Skeletal Analyses. In: Biocultural Adaptation: Comprehensive Approaches to Skeletal Analyses. Martin DL, Bumsted P eds. Amherst, Mass.: Department of Anthropology Research Reports No.20. Pp.96-112
- 1980 Martin DL, Goodman AH, Armelagos, GJ. On the Use of Microstructural Bone for age Determination. Current Anthropology 22:437-438
- 1980 Bassett E, Kieth M, Armelagos GJ, Martin DL, Villanueva T. Tetracycline-labeled Bone from Ancient Sudanese Nubia. Science 209:1531-1534
- 1979 Martin DL, Armelagos GJ, King J. Degenerative Joint Disease of the Long Bones from Dickson Mound. Henry Ford Hospital Medicine Journal 27:60-64
- 1979 Martin DL, Armelagos GJ. Morphometrics of Compact Bone: An Example from Sudanese Nubia. American Journal of Physical Anthropology 51, 571-578
- 1979 Martin DL, Armelagos GJ. Paleoepidemiological Methods and Porotic Hyperostosis. Paleopathology News 23, 14-17

### **Published Abstracts and Reviews; Conference Papers and Posters**

#### **1990 – Present**

- 2007 Martin, DL **Book Review** The Deadly Truth: A History of Disease in America. American Journal of Physical Anthropology
- 2006 Martin, DL, Cerullo, M, Bido, J and Colmenares, J. **Paper Presentation** Calcium Consumption and Bone Density in Factory and Farm Workers in Central Mexico. American Journal of Physical Anthropology (Abstract) 129(S42):125-126. American Association of Physical Anthropology 75<sup>th</sup> Annual Meeting, Anchorage, Alaska, March 11. Presentation posted at NSF-REU Website: [http://carbon.hampshire.edu/~nsfmexico/Presentations\\_AAPA.htm](http://carbon.hampshire.edu/~nsfmexico/Presentations_AAPA.htm)
- 2006 Thompson, J., Martin DL, and Harry, KG. **Paper Presentation**. Demographic Composition and Health at Pueblo Grande de Navada, A PII Virgin Anasazi Site. Great Basin Anthropological Association, Las Vegas, Nevada, Oct. 19-22
- 2006 Martin, DL **Paper Presentation**. Ripped flesh and Torn Souls: Evidence for Slavery in the Prehistoric Southwest (AD 800-1500). Foundations of Archaeological Inquiry Conference: Slavery in Middle Range Societies—Implications for Archaeology. Snowbird, Utah. Oct. 26-29

- 2005 Martin, DL and Cerullo, M. **Poster Presentation** Feeding the Family in Troubled Times: Diet and Nutrition in Morelos, Mexico in the Age of NAFTA. Pan NSF-REU/AAAS Workshop "Growing Scientists," September 20-22, Washington, DC.
- 2004 Cope, JM, Adler, LM, Martin, DL and Potts, DT. **Poster Presentation** Synergistic Musculoskeletal Attachment Sites in the Upper Extremity and Activity Patterns at Tell Abraq, UAE. American Journal of Physical Anthropology (Abstracts), American Association of Physical Anthropologists, April 14-17, Tampa, FL.
- 2004 Edwards, J and Martin DL. **Poster Presentation** Growing Old on Black Mesa: A New Look at Aging in the Past. American Journal of Physical Anthropology (Abstracts), American Association of Physical Anthropologists, April 14-17, Tampa, FL.
- 2003 Cooper, CC, Martin, DL and Potts, DT. **Poster Presentation** Occupational Stress in the Tibiae of an Adult Bronze Age Population. American Journal of Physical Anthropology (Abstracts) Vol 79. American Association of Physical Anthropologists, 23-26 April, Tempe AZ.
- 2003 Fan, J., Ortner, DJ, Frohlich, B, and Martin DL. **Poster Presentation** Brucellosis in Antiquity: An Analysis of Possible Cases of Brucellar Sacroiliitis. . American Journal of Physical Anthropology (Abstracts) Vol 79. American Association of Physical Anthropologists, 23-26 April, Tempe AZ.
- 2002 Martin, DL and Perez, V **Presidential Session Organizer and Co-Chair** Mass Graves, Civil Wars, Modern Catastrophes: Anthropologists and the Dead in (Un)imaginable Contexts (with Ventura Perez). American Anthropological Association Annual Meetings, New Orleans.
- 2002 Martin, DL and Perez, V **Paper Presentation** Cannibalism, Witchcraft, Warfare, Sacrifice, and Massacres: Politics as Usual. American Anthropological Association Annual Meetings, New Orleans.
- 2002 Martin DL, Fan J, Sanders M, White R. **Poster Presentation** The Old Ladies of Black Mesa: A 900 Year Chronicle of Diet and Health Recorded in Bone and Teeth. American Journal of Physical Anthropology (Abstracts), American Association of Physical Anthropologists. April 10-13, Buffalo, NY
- 2001 Martin DL. **Discussant** "Rape, Rage, Evolution, Science and the Media" Conference: "Culture Goes Public: Anthropologists Speak Back on War, Race, Gender and Globalization" C Besteman and H Gusterson, organizers. October 19-21, MIT Cambridge, MA
- 2001 Martin DL. **Presidential Session Organizer and Chair** Dead Bodies and Violent Acts: Reexamining Perpetrators, Victims and Bystanders. AAA Executive Board Presidential Session. American Anthropological Association. Nov. 20-24, Washington, DC (review of session, Martin DL , Perez VR Anthropology News November 2001 pgs. 5-6).
- 2001 Martin DL. **Paper Presentation** Food, Women and Violence: An Archaeological Case Study. Food and Feminism Session organized by C Counihan. American Anthropological Association. Nov. 20-24, Washington, DC
- 2000 Martin DL. **Panel Presentation** Feminist Critiques of Anthropological Projects: Reflections on Recent Trends. American Association of Anthropologists, Nov. 15-18, San Francisco, CA
- 2000 Martin DL. **Book Review** Man Corn: Cannibalism and Violence in the Prehistoric American Southwest . American Antiquity 65(1): 199-201.
- 2000 Martin DL. **Paper Presentation** Trauma, Occupational Stress and Mortuary Treatment by Sex in the Southwest. Gender and Archaeology Conference. October 6-8, Northern Arizona University, Flagstaff

- 2000 Martin DL, Stone PK, Barr-Dichiara M, Burgdorf S. **Paper Presentation** Strong Women in Marginal Places: Rates of Morbidity and Mortality for Ancestral Pueblo Populations." American Journal of Physical Anthropology (Abstract), American Association of Physical Anthropologists. San Antonio, TX
- 2000 Perez V, Martin DL. **Co-Organizer and Chair** Understanding Taphonomic Processes: New Techniques in Bioarchaeology. American Association of Physical Anthropologists. San Antonio, TX
- 1999 Martin DL, Stone PK, Parker N, Margolis M. **Poster Presentation** Paleodemography and Paleopathology of a Bronze Age Skeletal Population from Tell Abraq, United Arab Emirates. American Association of Physical Anthropology, April 26-10, Columbus, OH
- 1999 Perez V, Martin DL. **Poster Presentation** Cultural Modification of Bone: A Study of Cutmark Morphology, Location, and Orientation on Human Remains from La Quemada. American Association of Physical Anthropology April 26-30, Columbus, OH
- 1999 Martin DL. **Invited Speaker** Violence Against Women in the Ancient Southwest. Bodies of Evidence: Variability in Patterns of Violence on the Colorado Plateau. Arizona State Museum, University of Arizona, Feb. 3, Tucson, AZ
- 1998 Stone P, Perez VR, Martin DL. **Video Review** Science or Sacrilege: Native Americans, Archaeology and the Law. American Anthropologist 100(4):1022-1024.
- 1998 Martin DL. **Paper Presentation** Engendering Bioarchaeology: What's a Feminist Projects? American Association of Anthropology December 2-6, Philadelphia PA
- 1998 Martin DL. **Paper Presentation** Health, Equality, Politics and Resources. International Congress of Anthropological and Ethnological Sciences (ICAES). July 26-30, Williamsburg VA
- 1998 Martin DL. **Paper Presentation** A Political-Economic Perspective Applied to Bioarchaeological Research. International Congress of Anthropological and Ethnological Sciences (ICAES). July 26-30, Williamsburg VA
- 1998 Martin DL, Stodder ALW, Goodman AH. **Paper Presentation** The American Southwest: Living on the Edge of Existence. American Association of Physical Anthropology.
- 1997 Martin DL. **Paper Presentation** Biological Indicators of Gender Differentiation and Inequality in the Southwest. Session entitled "Sex Roles and Gender Hierarchies in Southwestern Prehistory" Society for American Archaeology April 2-6. Nashville, TN
- 1997 Savoy LE, Martin DL. **Paper Presentation** Integrating Geology and Ethnoarchaeology to Teach About Human-Environment Interactions on the Colorado Plateau. Geological Society of America 29(6):A471.
- 1997 Martin DL. **Paper Presentation** Women's Bodies, Women's Lives: Sexual Division of Labor and Hierarchy in the Precontact Southwest. Symposium, "Sex Roles and Gender in Middle Range Societies: Engendering Southwestern Prehistory." School of American Research Advanced Seminar. March 2-6, Santa Fe, NM
- 1997 Martin DL. **Invited Speaker** The Women Who Came Before Us: Health and Healing in Historical Perspective. Featured speaker, Native Women's History Month, Fort Lewis College, March 23, Durango CO

- 1996 Akins NJ, Martin DL. **Paper Presentation** Owning the Sins of the Past: Historical Trends in the Analysis of Human Remains in the Southwest. Symposium, "Anthropological Dimensions of NAGPR" American Anthropological Association, Nov. 20-24, San Francisco, CA
- 1996 Martin DL, Akins NJ. **Paper Presentation** Reading Bones as Text: Women's Health and Labor in the Ancient Southwest. American Anthropological Association, Nov 20-24. San Francisco, CA
- 1996 Martin DL, Zihlman A. **Co-Organizer and Chair** Symposium, "Physical Anthropologists Examine Women's Bodies." American Anthropological Association, November 20-24, San Francisco, CA 22-25
- 1995 Martin DL. **Paper Presentation** Lives Unlived: The Political Economy of Violence Against Anasazi Women. Society for American Archaeology, May 3-5, Minneapolis, MN
- 1995 Martin DL. **Organizer and Chair** Symposium, "Women's Bodies, Women's Lives: Biological Indicators of Labor and Occupation." American Association of Physical Anthropologists, American Journal of Physical Anthropology (Abstract) Supl. 20: 31. March 28-April 1, Oakland, CA
- 1995 Wesson AL, Martin DL. **Paper Presentation** Women Carried Heavy Loads While Men Were Weaving: Precontact Sexual Division of Labor at Black Mesa, Arizona. American Journal of Physical Anthropology (Abstract) Supl. 20: 220. American Association of Physical Anthropology. March 28-April 1, Oakland, CA
- 1995 Martin DL, Akins NJ. **Poster Presentation** A Case of Metastatic Carcinoma from the La Plata Valley, New Mexico. Paleopathology Association, March 28, Oakland CA
- 1994 Martin DL. **Paper Presentation** Adaptation to Arid Environments: Paleopathology in the Arabian Peninsula. Arabian Seminar, Oxford University. July 25-28, Oxford, England
- 1994 Martin DL, Akins NJ **Paper Presentation** Exploring Patterns of Violence Against Women in the Prehistoric Southwest. Southwest Symposium, Arizona State University. January 7-8, Tempe, AZ
- 1994 Martin DL, Frayer D. **Co-Organizer and Chair** Symposium, Crime and Punishment: Violence in Past Societies. American Association of Anthropologists, Nov. 19-13, Washington, DC
- 1994 Martin DL. **Paper Presentation** The Political Economy of Violence Against Women in Prehistory. American Association of Physical Anthropologists. American Journal of Physical Anthropology (Abstract) Supl. 18: 137-138. April 1-4, Denver, CO
- 1993 Martin DL, Cameron C. **Co-Organizer and Chair** Presidential Symposium "Collaborative Approaches to Understanding the Past." Plenary Session, American Association of Anthropology. Dec. 2-5, Washington, DC
- 1993 Martin DL. **Paper Presentation** Health Profile for the La Plata Highway Skeletal Remains. Southwest Symposium. October 21-24, Farmington, NM
- 1993 Goodman AH, Martin DL. **Paper Presentation** The Biological Consequences of Inequality in Prehistory. ICAES Meetings. July 15-18, Mexico City, Mexico
- 1992 Martin DL. **Paper Presentation** Political-Economic Perspectives on Skeletal Biology and the American Southwest. Wenner-Gren Conference, "Political-Economic Perspectives in Biological Anthropology" Goodman AH, Leatherman TH, organizers. Nov. 2-5, Cabo San Lucas, Baja California, Mexico

- 1992 Martin DL, Nelson BA, Swedlund AC, Armelagos, GJ. **Paper Presentation** Demography and Health in the American Southwest. American Journal of Physical Anthropology (Abstract) Supl. 14:117-118.
- 1991 Martin DL, Seefeldt WD. **Poster Presentation** Prehistoric Obstetrics: Why Anasazi Women Die Young on Black Mesa, Arizona (AD 800-1150). American Association of Physical Anthropologists. American Journal of Physical Anthropology (Abstract) Supl. 12:125-126. April 2-6, Milwaukee, MN
- 1991 Goodman AH, Martin DL. **Paper Presentation** Nutrition and Health Consequences of Prehistoric Economic and Political Centralization in North America. American Association for the Advancement of Science. Feb. 23-25, Washington, DC
- 1990 Martin DL. **Paper Presentation** Demography and Health in the Prehistoric Southwest. Conference, "Understanding Complexity in the Prehistoric Southwest." Santa Fe Institute, October 1-5, Santa Fe, NM
- 1990 Martin DL. **Paper Presentation** Women and Children: Subgroups at Risk in the Transition to Agriculture. 6th Conference on Hunting and Gathering Societies, University of Alaska. May 27-June 1, Fairbanks, AK

### **Grants and Awards (1990 to Present)**

- 2007 Wenner-Gren Foundation for Anthropological Research Award. "Bioarchaeological Signatures of Slavery in the Pre-Colonial Greater Southwest (AD 900-1400)" [GR# \$19,133].
- 2007 Heinz Latin American Archaeology Award, "Bioarchaeology of Violence at Casas Grandes, Chihuahua, Mexico." [\$9647]
- 2006 United Arab Emirates University Award, "Creating an Interdisciplinary First Year Curriculum" with co-PIs A. Berman and L. Edwards [\$120,000.]
- 2006 NSF-Research Experience for Undergraduates, "Feeding the Family in Troubled Times: A Biocultural Study of Patterns of Work, Consumption and Nutrition at the Household Level in Three Communities in Central Mexico" (co-PI with Margaret Cerullo) [#SES 0354037 Supplement \$6,500]
- 2006 NSF, National Workshop on "Research and Undergraduate Education at the Intersections of Culture, Mind, Brain and Development" with co-PIs N. Stillings and B. Yngvesson. [\$47,000]
- 2004 Hampshire College Undergraduate Biological Sciences Education Program Grant, Howard Hughes Medical Institute Advanced Course Award "Bone Density from Two Instruments: A Comparative Study" [HHMI #71100-503803 \$20,000]
- 2004 NSF-Research Experience for Undergraduates, "Feeding the Family in Troubled Times: A Biocultural Study of Patterns of Work, Consumption and Nutrition at the Household Level in Three Communities in Central Mexico" (co-PI with Margaret Cerullo) [#SES 0354037 \$375,000]
- 2003 Hampshire College Culture, Brain and Development Program instrumentation award, Osteology-Trauma Laboratory enhancement, Foundation for Psycho-Cultural Research [\$38,000]
- 2003 Wenner-Gren Award "Violence Against Women: Non-Lethal Head Injury and its Behavioral and Cultural Implications in Ancestral Pueblo Populations" (900-1300 AD) [GR#6981 \$24,989]
- 2001 Hampshire College Undergraduate Biological Sciences Education Program Grant, Howard Hughes Medical Institute Advanced Course Award "Advanced Skeletal Biology: Research on Diet and Health" [HHMI #71100-

503803 \$8804]

- 2000 Hampshire College Undergraduate Biological Sciences Education Program Grant, Howard Hughes Medical Institute Grant for Field Research "Diet and Bone Density in Elder Hopi Women" Summer [HHMI #71100-503803 \$8500]
- 2000 Hampshire College Sherman Fairchild Instrumentation Grant – Peripheral Instantaneous X-ray Imager (PIXY) Bone Densitometer (PIXY) [\$35,000]
- 1999 NSF-Collaborative Research at Undergraduate Institutions "Teeth as Chemical Records of Chronological Changes" Co-PI with A Goodman, J Reid and D Amarasiriwardena [NSF-CRUI 99-78793 \$827,197]
- 1998 Wenner-Gren Award "Institutionalized Violence at La Quemada, Zacatecas, Mexico" [\$15,000]
- 1996 Hampshire College-MacArthur Program Development Award, "Southwest Field Studies Program" [\$80,000]
- 1995 Lemelson National Program in Invention, Innovation and Creativity Award. "The Human Skeleton: Innovation in Analysis." [\$10,000]
- 1995 Mesa Verde National Park, Subcontract for Osteological Analyses and NAGPRA Compliance and Consultation [\$60,371]
- 1995 Wenner-Gren Foundation for Anthropological Research. Bioarchaeological Investigations at Mowaihat, Emirate of Ajman, United Arab Emirates [\$11,000]
- 1994 Hampshire College Lemelson Program for Innovative Research. Course development, "Advanced Skeletal Biology" [\$2378]
- 1994 Hampshire College Hewlett-Mellon Curriculum Development. New course development, "Diseases in Antiquity" [\$1380]
- 1993 La Plata Highway Contract, Analysis of the La Plata Highway Human Remains, State of New Mexico, Office of Cultural Affairs, Office of Archaeological Studies [\$10,500]
- 1993 Wenner-Gren Foundation for Anthropological Research. Bioarchaeological Investigations at Jebel al Emalah, Emirate of Sharjah, United Arab Emirates [\$11,500]
- 1993 Five Colleges, Inc. American Indian Studies Curriculum Development. American Indian Health: 1492- 1992 [\$1500]
- 1993 Hampshire College Comparative Scientific Traditions/Ford Foundation Curriculum Development. Year- long course on Native American Health [\$2200]
- 1993 Participant, NSF Project, "History of Disease in the Western Hemisphere." The American Southwest [\$5000]
- 1992 Howard Hughes Medical Institute Undergraduate Research Award. Biochemical and Histological Analyses of Human Rib [\$9000]
- 1992 Northern Arizona University/National Park Service Research Grant. Skeletal Analysis of the Ridges Basin, Colorado, Anasazi Skeletal Remains [\$16,000]

- 1992 Participant, NSF Science Education for Minority Middle School Children. Human Anatomy Course [\$4000]
- 1991 School of American Research Fellowship, Weatherhead Scholar [\$30,000]
- 1990 Hampshire College Award for Third World Research. Research in the Southwest (with B. Yngvesson) [\$1600]
- 1990 NSF Travel and Conference Award. Conference on Hunting and Gathering Societies, University of Alaska, Fairbanks [\$500]