

**JEAN L. HUDSON**

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**RESEARCH NARRATIVE**

My research concerns human ecology, past and present, as viewed through the lens of anthropology. Methodologically I use archaeology and ethnoarchaeology, with a special focus on the analysis of ancient animal (zooarchaeological) remains. My research applies a comparative approach, emphasizing societies reliant upon fishing and hunting and active for some period during the last 10,000 years. Themes of special interest are ecological sustainability and social transitions from more egalitarian to less egalitarian political systems.

**EDUCATION**

- Ph.D.** Anthropology, University of California, Santa Barbara (1990)  
"Advancing Methods in Zooarchaeology: An Ethnoarchaeological Study among the Aka Pygmies"
- B.A.** Interdisciplinary: Anthropology/Biology/Geology, Evergreen State College, Olympia, Washington.

**PROFESSIONAL EXPERIENCE**

- 2006 - present **Associate Professor.** Department of Anthropology, University of Wisconsin - Milwaukee
- 1999 - 2006 **Assistant Professor.** Department of Anthropology, University of Wisconsin - Milwaukee
- 1997 - 1999 **Lecturer.** Department of Sociology & Anthropology, California State University, Bakersfield
- 1995 - 1997 **Visiting Assistant Professor.** Dept. of Anthropology, University of California, Los Angeles
- 1992 - 1995 **Director, Zooarchaeology Laboratory.** Institute of Archaeology, U. of California, Los Angeles
- 1990 - 1991 **Visiting Scholar.** Center for Archaeological Investigations, Southern Illinois University, Carbondale, Illinois (post-doctoral research fellowship, organization of conference).

**PEER-REVIEWED PUBLICATIONS**

- 2020 "Fisherman, Farmer, Rich Man, Poor Man, Weaver, Parcialidad Chief? Household Archaeology at Cerro la Virgen, a Chimu Town within the Hinterland of Chan Chan. Brian Billman, Dana Bardolph, Jean Hudson, Jesus Briceno. In **New Perspectives on the Social Dynamics and Economic Interactions of Andean Maritime Communities**, edited by Gabriel Prieto and Daniel Sandweiss. University Press of Florida.
- 2019 "Intimate Living: Sharing Space among Aka and other Hunter-Gatherers." Barry Hewlett, Jean Hudson, Adam Boyette, and Hillary Fouts. In **Towards a Broader View of Hunter-Gatherer Sharing**, edited by Noa Lavi and David Friesem. McDonald Institute Monograph Series, Cambridge, UK: The McDonald Institute.
- 2019 "Tradiciones de la Pesca en el Valle Moche [Fishing Traditions in the Moche Valley]." In **Actas de la Primera Mesa Redonda de Trujillo: Nuevas Perspectivas en la Arqueología de los Valles de Virú, Moche y Chicama**, edited by Gabriel Prieto and Alicia Boswell. Fondo Editorial Universitario, Universidad Nacional de Trujillo, Peru.

- 2011 "Pacific Ocean Fishing Traditions: Subsistence, beliefs, ecology, and households." In **EthnoZooarchaeology, The Present and Past of Human-Animal Relationships**, edited by Umberto Albarella and Angela Trentacoste. Oxbow Books, Oxford, UK.
- 2007 "Faunal Evidence for Subsistence and Settlement Patterns at the Allen Site," in **The Allen Site: A Paleoindian Camp in Southwestern Nebraska**, edited by Doug Bamforth. University of New Mexico Press, Albuquerque.
- 2007 "Update on Wisconsin's Silver Beach Elk Site (47BA526)." *Current Research in the Pleistocene* 24:104-106.
- 2007 "Prehistoric Elk in Wisconsin – Two Recent Cases; Updates on the Silver Beach Elk site (Bayfield County) and The Moeller Pond Elk (Waukesha County)." *The Wisconsin Archaeologist* 88(1):97.
- 2006 "Elk Skeleton Associated with Fluted Point in Northern Wisconsin." *Current Research in the Pleistocene* 23:117-119.
- 2005 "Intrasite Spatial Analysis, Ethnoarchaeology, and Paleoindian Land-Use on the Great Plains: the Allen Site," third author with Doug Bamforth and Mark Becker. *American Antiquity* 70 (3): 561-580.
- 2005 "Pacific Volcanoes, Mercury Contaminated Fish, and Polynesian Taboos," second author with John Dellinger, David Krabbenhoft, and Hinano Murphy. *Clinical Toxicology*, 43(6):595-596.
- 2004 "A Sample of Animal Bone from Aztalan, 47JE1, Wisconsin." *The Wisconsin Archaeologist* 85(2).
- 2004 "Additional Evidence for Gourd Floats on Fishing Nets." *American Antiquity* 69(3):586-587.
- 2004 "Introduction to Central Andean Archaeology," p.8-10 in "Christiane Clados: Reconstructing the Pre-Columbian World." Exhibit catalog, Christiane Clados, editor. Board of Regents, U. Wisconsin System.
- 1995 Invited Commentary on "Intraspecific Prey Choice by Amazonian Hunters," by Michael Alvard. *Current Anthropology*, 36(5):807-808.
- 1993 "Introduction," in **From Bones to Behavior; Ethnoarchaeological and Experimental Contributions to the Interpretation of Faunal Remains** (J. Hudson, ed.). Center for Archaeological Investigations, Carbondale, Illinois.
- 1993 "The Impacts of Dogs on Bone in Forager Camps," in **From Bones to Behavior; Ethnoarchaeological and Experimental Contributions to the Interpretation of Faunal Remains** (J. Hudson, ed.). Center for Archaeological Investigations, Carbondale, Illinois.
- 1991 "Nonselective Small Game Hunting Strategies: An Ethnoarchaeological Study of Aka Pygmy Sites," in **Human Predators and Prey Mortality** (M. Stiner, ed.). Westview Press.
- 1990 "Spatial Analysis of Faunal Remains in Hunter-Gatherer Camps," in **Etnoarqueologia Coloquio Bosch-Gimpera** (Y. Sugiura and M. Serra, eds.). Universidad Nacional Autonoma de Mexico.
- 1989 "Changing patterns in faunal exploitation" with P. Walker and B. Voorhies, in **Ancient Trade and Tribute: Economies of the Soconusco Region of Mesoamerica** (B. Voorhies, ed). U. of Utah Press.

## BOOK REVIEWS

- 2008 Book review of "Beyond Affluent Foragers; Rethinking Hunter-Gatherer Complexity," edited by Colin Grier, Jangsuk Kim, and Junzo Uchiyama (2006). *Environmental Archaeology*, 13 (1): 93-94. Maning Publishing, London.
- 2001 Book review of "Resource Depression and Intensification During the Late Holocene, San Francisco Bay:

Evidence from the Emeryville Shellmound Vertebrate Fauna” by Jack Broughton (1999). *American Antiquity*, 66(3):546-547.

#### EDITED VOLUME

- 1993 **From Bones to Behavior; Ethnoarchaeological and Experimental Contributions to the Interpretation of Faunal Remains** (editor). Center for Archaeological Investigations, Carbondale, Illinois.

#### TECHNICAL REPORTS (results of consulting work in Cultural Resource Management; selected items)

- 1998 "Vertebrate Faunal Analysis" with Karen Rasmussen in "3,000 Years of Prehistory at the Red Beach Site, CA-SDI-811, Marine Corps Base, Camp Pendleton, California" (K. Rasmussen & C. Woodman, editors). Science Applications International Corporation, for the U.S. Army Corps of Engineers.
- 1997 "Vertebrate Faunal Analysis" in "Final Technical Report, Survey and Evaluation at the Barka Slough Kill Site, CA-SBA-1010, Vandenberg Air Force Base Santa Barbara County, California." (C. Woodman, editor), SAIC and Chambers Group, Inc.
- 1997 "Site Stratigraphy, Chronology, and Analytic Units" and "Vertebrate Faunal Analysis" in "Final Technical Report, Survey and Evaluation at the Barka Slough Kill Site, CA-SBA-1010, Vandenberg Air Force Base Santa Barbara County, California." (C. Woodman, editor), SAIC and Chambers Group, Inc.
- 1994 "Vertebrate Remains" in "Prehistoric Settlement Along the Eastern Margin of Rogers Dry Lake, Western Mojave Desert, California" (B. Byrd, D. Palette, and C. Serr, editors). Brian F. Mooney Associates Anthropological Technical Series 2.
- 1990 "Prehistoric Resource Use" (J. Hudson, J. Rudolph, and B. Bowser) in "Western Chumash Prehistory: Resource Use and Settlement in the Santa Ynez River Valley" (C. Woodman, J. Rudolph, and T. Rudolph, eds). Scientific Applications International Corp, Santa Barbara, CA.
- 1984 "Generalized Key to Skeletal Elements." In "Archeological Investigations on San Miguel Island, Volume III, A Manual for the Identification of Human Skeletal Remains." Office of Public Archeology, University of California, Santa Barbara.

#### NON-PEER-REVIEWED PUBLICATIONS

- 1997 "Underwater Archaeology in Peru," *Backdirt*, newsletter of the Institute of Archaeology, University of California, Los Angeles, Fall/Winter 1997.
- 1996 "Hunter-Gatherer Coastal Adaptations," *Backdirt*, newsletter of the Institute of Archaeology, University of California, Los Angeles, Spring/Summer 1996.
- 1990 "Identifying Food sharing Archaeologically: An Ethnoarchaeological Study among the Aka," in "Hunting and Gathering Societies: Changing People, Changing Theories, Volume II" of the precirculated papers of the Sixth International Conference on Hunting and Gathering Societies; University of Alaska, Fairbanks.

#### EXTRAMURAL GRANTS, FELLOWSHIPS, AND AWARDS

- 2008 **Whiteley Center Scholar** (Jan-April 2008) University of Washington Friday Harbor Marine Laboratory. Support of the Whiteley Center for sabbatical writing.
- 1990-1991 **Visiting Scholar Post-doctoral Fellowship** (11-month position), Center for Archaeological Investigations, Southern Illinois University, Carbondale.
- 1989 **Museum Research Grant.** (\$400) American Museum of Natural History, New York. Fellowship for study of comparative osteological collections; focus on vertebrates of tropical Africa.

- 1986 **Leakey Foundation Research Grant.** (\$11,000) Funding for 13 months of ethnoarchaeological fieldwork with modern Aka foragers in the Central African Republic. (PI; dissertation research.)
- 1984 **Deutscher Akademischer Austauschdienst.** (2 month stipend) Scholarship for language study at the Goethe Institute in Göttingen, Germany .

#### **INTRAMURAL GRANTS, FELLOWSHIPS, AND AWARDS**

- 2015 **CLACS (Center for Latin American and Caribbean Studies) Research and Teaching Grant** – Spring 2015 (\$2000) Support for undergraduate study abroad with applied science emphasis. Peru Past & Present: Archaeological Perspectives – taught summer 2015.
- 2013 **CIE/OUR Undergraduate Research Travel Awards** – Spring 2013 (\$3950) . Support for undergraduate study abroad with applied science emphasis. Peru Past & Present: Archaeological Perspectives – taught summer 2013.
- 2009 **Graduate School Research Committee Awards, FY 2010-2011** (\$9950) Transitions at Gramalote: Evaluation of Coastal Contributions during the Initial Period in the Moche Valley of Peru. Funds for summer field & lab work in Peru, including graduate student support.
- 2007 **Curriculum Development Grant** (\$1000). Center for Latin American and Caribbean Studies, UW-Milwaukee. Development of interdisciplinary study abroad program in Peru, in collaboration with Chris Davis-Benavides (Dept of Visual Art) and Cesar Ferreira (Dept of Spanish and Portuguese).
- 2007 **Research Travel Grant** (\$750). Undergraduate Research Opportunities Program, College of Letters and Sciences, and Department of Anthropology, UW-Milwaukee. Research at the American Museum of Natural History, New York.
- 2006 **Conference Travel Grant** (\$500). Center for Latin American and Caribbean Studies, UW-Milwaukee. Travel to international conference, ICAZ, in Mexico City, to present research.
- 2005 **Travel Grant: International Education Curriculum Development** (\$780). “Human Ecology Past and Present: Applied Field and Laboratory.” UW System CIBER Applied Research Grant Program. Evaluation of study abroad program for UW undergraduates and graduates in French Polynesia.
- 2005 **Research Travel Grant** (\$980). “Human Ecology Past and Present: Applied Field and Laboratory.” NIEHS Marine and Freshwater Biomedical Sciences Center, UW-Milwaukee WATER Institute. Preliminary data collection, supervision of NARCH (Native American Research Centers in Health) student.
- 2004 **Research Travel Grant** (\$500). Center for Latin American and Caribbean Studies, UW-Milwaukee. Fieldwork in Huanchaco, Peru (January 2004), Peruvian Reed Boat Ethnoarchaeology Project.
- 2003 **Research Travel Grant** (\$500). Center for Latin American and Caribbean Studies, UW-Milwaukee. Fieldwork in Huanchaco, Peru (January 2003), Peruvian Reed Boat Ethnoarchaeology Project.
- 2002 **Conference Travel Grant** (\$500). Center for Latin American and Caribbean Studies, UW-Milwaukee. Travel grant to present paper and poster at ICAZ conference in Durham, England (August 2002)
- 2001 **Womens Studies Research Fellowship**, (course release). UW-Milwaukee. Research support for manuscript development on “Women, Work, & Family: Division of Labor in Forager Societies.”
- 2001 **Center for Instructional and Professional Development (CIPD) Preparing Future Faculty award**, (\$1000). GIS and Anthropology. Served as faculty mentor to graduate students K. Kaufmann and L. Naunnapper. Organization of one-day conference at UWM, development of resource handbook.

- 2000 **Graduate School Research Committee Award**, (\$14,864). UW-Milwaukee. Research grant for field work in Huanchaco, Peru (June-August 2001), Peruvian Reed Boat Ethnoarchaeology Project.
- 1999 **Research Travel Grant** (\$870). Center for Latin American and Caribbean Studies, UW-Milwaukee. Research grant for feasibility study and museum research in Lima and San Juan, Peru (June-Aug. 2000).
- 1999 **Technology and Education Grant** (support for student assistants). California State University, Bakersfield. Development of GIS training module for use in archaeology courses. "ArcView GIS for Archaeologists," including text manual and floppy and CD-ROM versions of a set of 8 exercises.
- 1996 **Research Travel Grant** (\$2000). Institute of Archaeology, UCLA. Support for pilot study of raised fields and lake level chronology using underwater archaeology in Lake Titicaca, Peru. Results reported: <http://www.sscnet.ucla.edu/ioa/backdirt/fall97/water.html>
- 1993-1995 **Museum Research Grant**. CALTRANS. Series of grants in support of collections review as part of NAGPRA (Native American Graves Protection and Repatriation Act) compliance, co-PI with Dr. Glenn Russell, Curator of Archaeology, UCLA. Funded on a per-collection basis.
- 1986 **Research Travel Grant** (\$1500) University of California. Award to study comparative osteological collections at the National Museum of Natural History in Paris, France, and Royal Museum of Central Africa in Tervuren, Belgium.
- 1985 **Instructional Development Grant** (summer stipend) University of California, Santa Barbara. Award for improvement of osteological comparative collections for research and educational purposes.
- 1981 **Instructional Development Grant** (summer stipend) University of California, Santa Barbara. Award for development of lab manual and other course materials for faunal analysis class.

#### **PAPERS PRESENTED (International and National Conferences)**

- 2022 "Ecological Parameters and Social Trajectories, Coastal Samples from Ecuador and Peru." First author, co-authored with Amy Klemmer. Society for American Archaeology (SAA), Chicago, IL.
- 2018 "Bones Left Behind: Living spaces at a Residential Compound at Cerro la Virgen, a Rural Chimu LIP Settlement." First author, co-authored with Roberta Boczkiewicz, Brian Billman, and Jesus Briceño. Society for American Archaeology (SAA), Washington, D.C.
- 2017 "Rooms, Compounds, Alley Dumps, and Neighborhoods: Intrasite Zooarchaeology on Peru's North Coast." First author, co-authored with Roberta Boczkiewicz. Society for American Archaeology (SAA), Vancouver, BC.
- 2017 "Otolith Metrics and Fishing Strategies on the North Coast of Peru." Second author, co-authored with Roberta Boczkiewicz. Society for American Archaeology (SAA), Vancouver, BC.
- 2016 "Impacts of Behavioral Contexts on Intrasite Zooarchaeological Sampling." Society for American Archaeology (SAA), Orlando, FL.
- 2014 "Peruvian Coastal Prehistory and Ecology at Four Sites: K4, Villa del Mar, Gramalote, and Cerro La Virgen." International Council for Archaeozoology (ICAZ), San Rafael, Argentina.
- 2014 "Comparing Fishing Strategies on the North Coast of Peru: Gramalote and Cerro La Virgen." Society for American Archaeology (SAA), Austin, TX.
- 2013 "Valuable Animals: Perspectives from the Peruvian Coast." Society for American Archaeology (SAA), Honolulu, Hawaii.
- 2010 "Cultural Implications of Worked Bird Bone in Prehistoric Peru." International Council for Archaeozoology (ICAZ), Paris.

- 2008 "Animal Bone and Archaic Life at Kilometer 4, Peru." Presented paper with preceding on-line circulation of manuscript. Society for American Archaeology (SAA), Vancouver, BC.
- 2006 "Pacific Ocean Fishing Traditions: Subsistence, Beliefs, and Ecology," International Council for Archaeozoology, Mexico City.
- 2006 "Ecological and Social Dynamics of Fishing in Coastal Peru," Society for American Archaeology, San Juan, Puerto Rico.
- 2005 "Ecological Perspectives on Animal Symbolism: A South American Case Study," Society for American Archaeology, Salt Lake City.
- 2004 "Ethnographic Models for Ecological and Social Aspects of Coastal Fishing in Peru," Society for American Archaeology, Montreal.
- 2003 "Using MNI to Measure Meat Distribution," Society for American Archaeology, Milwaukee.
- 2002 "Changing Patterns of Marine Resource Use along the Peruvian Coast." Conference of the International Council of Archaeozoology (ICAZ), Durham, England.
- 2002 "Reed Boat Fishing in Northern Peru," (poster; 3<sup>rd</sup> place winner, international competition). Conference of the International Council of Archaeozoology (ICAZ), Durham, England.
- 2000 "Ethnohistoric and Ethnographic Models for Marine Mammal and Bird Utilization in the Americas." Ethnobiology Society, Ann Arbor, Michigan.
- 1999 "Kinship, Meat Sharing, and Cultural Transmission; An Ethnoarchaeological Study with Aka Foragers." Society for American Archaeology, Chicago.
- 1998 "Coastal Strategies - Travel, Trade, and Intensification: The Changing Roles of Marine Mammals, Birds, and Fish." International Council for Archaeozoology, Victoria.
- 1996 "The Role of Birds and Marine Mammals in the Preceramic Maritime Economy of the South Coast of Peru." Society for American Archaeology, New Orleans.
- 1996 "Zooarchaeological Evidence for Changes in Cervid Biogeography: Prehistoric Deer and Elk Hunting in Coastal Southern California." Society of Ethnobiology, Santa Barbara.
- 1994 "Intra-site Spatial Analysis: Ethnoarchaeological Data from Aka Foragers." Poster, Society for American Archaeology, Anaheim.
- 1993 "Comparison of Site Structure Between Two Tropical Forager Groups," co-authored with J. Fisher. Society for American Archaeology, St. Louis.
- 1993 "Tracking Bone from Hunting to Consumption and Deposition: Ethnoarchaeological Data from a Modern Foraging Group, the Aka of Central Africa." Society for American Archaeology, St. Louis.
- 1992 "An Ethnoarchaeological Look at Settlement Patterns among Modern Aka Pygmies." Society of Africanist Archaeologists, University of California, Los Angeles.
- 1991 "The Impacts of Domestic Dogs on Bone in Forager Camps." Visiting Scholar Conference, Carbondale, Illinois.
- 1990 "Identifying Food Sharing Archaeologically." Conference on Hunting and Gathering Societies, Fairbanks.
- 1990 "Measures of Relative Abundance." International Council for Archaeozoology, Wash., D.C.
- 1990 "The Effects of Meat Trade on Body Part Distribution." Society for American Archaeology, Las Vegas.

- 1988 "Spatial Analysis of Faunal Remains in Hunter-gatherer Camps." Coloquio Bosch-Gimpera Universidad Nacional Autonoma de Mexico, Mexico City.

**PAPERS PRESENTED (Regional Conferences)**

- 2022 "Dogs, Wolves, and Coyotes: Evaluating the Potential of Post-Cranial Osteometrics to Differentiate Fragmentary Archaeological Canidae Remains." First author, co-authored with Emily Middleton, Laura Monahan, Amy Klemmer, Samantha Mills, Reagan Herdt, Calleigh Wondra, and David Shaw. Midwest Archaeological Conference (MAC), La Crosse, WI.
- 2015 "La Pesca del Valle Moche: Perspectivas de la Etnoarqueología y Zooarqueología." Invited contribution to the Mesa Redonda de Trujillo. Museo de Huacas de Moche, Moche, Peru. Presented in Spanish.
- 2015 "Intra-site Analysis of Faunal Remains, a Case Study from the Bell Site, Meskwaki Grand Village (47WN9)." Midwest Archaeology Conference (MAC), Milwaukee, WI.
- 2014 "Subsistence Fishing, Past and Present, on the Northern Coast of Peru." Jean Hudson, Brian Billman, and Jesus Briceño. Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory (MCAAAE), Milwaukee.
- 2012 "Faunal Remains from Gramalote, Peru: Contexts and Overview." Jean Hudson, Roberta Bocziewicz, Rachel McTavish, Jesus Briceño Rosario, Brian Billman. Poster. MCAAAE, Chicago.
- 2012 "Chronological Patterns in Vertebrate Taxa." Rachel McTavish, Jean Hudson, Roberta Bocziewicz, Jesus Briceño Rosario, Brian Billman. Poster. (MCAAAE), Chicago.
- 2012 "Fish Utilization at Gramalote, Peru." Roberta Bocziewicz, Jean Hudson, Rachel McTavish, Jesus Briceño Rosario, Brian Billman. Poster. (MCAAAE), Chicago.
- 2006 "Gainey Elk Hunters in Northern Wisconsin?" J. Hudson, K. Kaufman, Pete Fantle, and T. Revane. Midwest Archaeology Conference, Urbana, Illinois.
- 2002 "Ethnoarchaeology in a Peruvian Fishing Community." Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory.
- 1999 "Faunal Analysis on a Regional Level: Issues of Method and Theory." Society for California Archaeology, Sacramento.
- 1997 "Middle Period Settlement and Subsistence on Vandenberg AFB: Excavation and Analysis of the Barka Slough Site, a Deeply Buried, Highly Stratified Residential Base Camp." Coauthor with Craig Woodman. Society for California Archaeology, Rohnert Park.
- 1984 "Research Design in the Analysis of Vertebrate Remains." Society for California Archaeology, Salinas.

**PAPERS PRESENTED (Academic Colloquia, Public Lectures)**

- 2007 "The Inca and their Ancestors: An Ecological Perspective," Milwaukee Chapter, Archaeological Institute of America, Milwaukee, WI
- 2007 "A Fluted Point and an Elk Skeleton: Updates on a Story of Underwater Archaeology in Northern Wisconsin." Charles E Brown Chapter, Wisconsin Archaeological Society, Madison, WI
- 2006 "Underwater Archaeology in Northern Wisconsin: An Elk Skeleton and a Fluted Point." Three Rivers Archaeology Chapter, Wisconsin Archaeological Society, Beloit, WI
- 2006 "Underwater and Prehistoric: Elk Bone and a Fluted Point," J.Hudson, K.Kaufmann, P. Fantle, and T. Revane. Wisconsin Underwater Archaeological Association, Annual Conference, Milwaukee
- 2006 "Underwater Archaeology in Northern Wisconsin: An Elk Skeleton and a Fluted Point" Milwaukee Chapter, Wisconsin Archaeological Society, Milwaukee, WI

- 2005 "An Ethnoarchaeological Look at Peruvian Reed Boats," Anthropology Department Colloquium, University of California, Santa Barbara.
- 2004 "Ethnographic Models for Ecological and Social Aspects of Coastal Fishing in Peru," Anthropology Department Colloquium, University of Wisconsin, Madison.
- 2004 "Peruvian North Coast Archaeology," presented at the Milwaukee Centro de la Comunidad Unida / United Community Center as part of the "Reconstructing the Pre-Columbian World" public lecture series associated with the Clados Exhibit.
- 2003 "Archaeological Research in Coastal Peru," 40<sup>th</sup> Anniversary of the Spanish Honor Society, Sigma Delta Pi, Milwaukee Chapter.
- 2003 "Practical Realities of Ethical Responsibility to 'The Community': Examples from Ethnographic and Archaeological Fieldwork," co-presenter with P. Richards. Ethics in Anthropology Workshop, UWM.
- 2002 "Women in Foraging Societies: Models for Gender Role Diversity, Past and Present." Women's Studies Faculty Fellows Colloquium, University of Wisconsin - Milwaukee.
- 2002 "Reed Boat Fishermen of Peru: Modern and Ancient." Academic Adventurers series, American Geographical Society Library, University of Wisconsin - Milwaukee.
- 2002 "Fishing Adaptations in Coastal Peru," Wisconsin Archaeological Society, Milwaukee Chapter.
- 1999 "The Peruvian Archaic: Zooarchaeological Evidence for Intensification," Anthropology Department Colloquium, University of Wisconsin, Madison.
- 1999 "Faunal Evidence for Archaic Peruvian Subsistence Strategies," Wisconsin Archaeological Society, Milwaukee Chapter.

## **PUBLIC OUTREACH**

- 2018 Discussant, Archaeology Papers, ASU Spring Colloquium, UMW. Milwaukee, WI.
- 2018 "Archaeology as a Career." Presentation at Shorewood High School, WI.
- 2016 Discussant, Archaeology Papers, ASU Spring Colloquium, UWM. Milwaukee, WI.
- 2015 "Darwin and the Evolutionary Dance of Structure and Function." Darwin Day talk at Rockwell Automation, Milwaukee, WI.
- 2008 Interview for George Wisner's "The Silver Beach Elk Site," published in *Mammoth Trumpet*, 23(1):2-4.
- 2006 Wisconsin Public Radio - Superior Station, interviews with Mike Simonson:  
Aired 5/19/06: *Make No Bones About It, This Elk is Old*  
Aired 7/24/06: *Elk Bones to Provide Look into State's Early History*
- 2006 Wisconsin Television - "Northland Adventures," interview with Dave Carlson  
Aired 6/23/2006: *A Royale Elk Story*

## **EXTRAMURAL PROPOSALS SUBMITTED**

- 2005 National Oceanic and Atmospheric Administration, Oceans and Human Health Initiative. "Impact of Mercury in Fish (Past and Present) on Human Health in Oceania's Isolated Coral Reef Fisheries," co-PI with John Dellinger. Submitted April 2005. 3 years: \$995,894. Declined August 2005.
- 2005 National Science Foundation. "Balancing Benefits and Risks: Mercury-contaminated Fish, Taboos, and Traditional Ecological Knowledge," co-PI with John Dellinger. Submitted February 2005. 3 years: \$743,563. Declined July 2005.



- 2005 Preliminary proposal submitted to the research ministry of French Polynesia. “Une étude du rôle des poissons pélagiques et des Tabous chez la santé reproductrice des femmes dans Polynésie; A Study of the Role of Fishing Taboos in Women’s Reproductive Health in Polynesia,” co-PI with John Dellinger. Submitted January 2005. Permit-related, no monetary award. Permit approved.

#### **IRB PROTOCOLS SUBMITTED AND APPROVED**

- 2005 UWM IRB Human Subjects Protocol Review: “Balancing Benefits and Risks: Mercury-Contaminated Fish, Taboos, and Traditional Ecological Knowledge.” Proposal protocol approval, no monetary award. Submitted February 2005; Approved June 2005 through June 2006.
- 2001 UWM IRB Human Subjects Protocol Review: “Ethnography and Archaeology of Traditional Peruvian Reed Boat Fishing.” Originally submitted and approved in 2001. Renewed annually. Currently in effect through May 2006.

#### **TEACHING EXPERIENCE**

##### Courses Taught: Lower Division, Undergraduate

Introduction to Physical Anthropology / Human Origins (UCSB, UWM)  
Introduction to Archaeology / Approaches to Archaeology: Digging the Past (UCLA, CSB, UWM); also online  
Introduction to Cultural Anthropology (CSB)  
Freshman Seminar: Egalitarian Societies; When Cooperation Yields a Competitive Edge (UWM)

##### Courses Taught: Upper Division, Undergraduate/Graduate

World Civilizations (CSB, UWM); also online  
Archaeology of Central & South America (UWM); also online  
Culture and Human Ecology (CSB, UWM)  
Hunter-Gatherer Lifeways: Past & Present (UCSB, UWM)

##### Courses Taught: Applied Field and Lab, Undergraduate/Graduate

Archaeological Field School (UCLA)  
Archaeological Laboratory Techniques (UCLA, CSB)  
Bones for the Archaeologist / Zooarchaeology: Method & Theory (UCLA, CSB, UWM)  
Ethnoarchaeology and Experimental Archaeology (UWM)  
Study Abroad: Ancient People and Animals of Peru (UWM)

##### Courses Taught: Graduate Seminar

Advanced Seminar: Coastal Adaptations (UCLA)  
Advanced Seminar: Ecological Perspectives (UWM)  
Advanced Seminar: Environmental Archaeology (UWM)  
Advanced Seminar: Ethnoarchaeology (UCLA, UWM)

##### Special Programs for UWM Undergraduates

2000-2002 McNair summer program (prepares under-represented students for graduate work)  
2001-2007 UROP Program (places undergraduates in applied research projects for the academic year)

##### Experimental Archaeology Working Group

2003-present In collaboration with departmental colleagues Bettina Arnold and Robert Jeske, designed to provide UWM students with opportunities to design and participate in experimental projects that involve faculty, graduate students and undergraduates.  
<http://www.uwm.edu/Dept/ArchLab/experimental/index.html>

**GRADUATE RESEARCH DIRECTED** (since arriving at UWM)

Completed degrees

- 2019 MS, Rebekah Ernat: "Prehistoric Humans and Elk (*Cervus canadensis*) in the Western Great Lakes: A Zooarchaeological Perspective"
- 2019 MS, Andrew Saleh: "Using Historic GLO Data and GIS to Assess Potential for Local Bison bison Near Two Wisconsin Late Prehistoric Oneota Localities"
- 2018 MS, Madison Auden: "Ancient Andean Tattooing Practices"
- 2018 MS, Amy Klemmer: "A Zooarchaeological Study of Fishing Strategies over Time at the Rio Chico Site on the Central Coast of Ecuador"
- 2017 PhD, Emily Mueller Epstein: "Nobi Ni-Tse'tse'ede (House on the Cold One): Northern Great Basin Archaic Hunter-Gatherer Household Archaeology, Harney County, Oregon"
- 2016 MS, Victor Ponte: "Regional Perspective of Recuay Mortuary Practices: A View from the Hinterlands, Callejon de Huaylas, Peru"
- 2015 MS, Rebecca Fetzer: "Collecting in Context: A Study of the Milwaukee Public Museum's French Paleolithic Faunal Collection"
- 2015 MS, Kristen Mottl: "Re-examined and Re-defined: An Exploration and Comparative Analysis of Moche Ceramic Vessels in the Milwaukee Public Museum Collections"
- 2015 MS, Zachary Stencil: "Vertebrate Evidence for Diet and Food-Processing at the Multicomponent Finch Site (47-Je-0902) in Jefferson County, Southeastern Wisconsin"
- 2014 MS, Diane Newbury: "Andean Archaeological Featherwork at the Milwaukee Public Museum: A Case Study in Researching Potential Context for Limited Provenience Artifacts"
- 2014 MS, Megan Leigl: "An Intra-Site Spatial Analysis of Selected Faunal Remains from Aztalan (47JE01)"
- 2013 MS, Rachel McTavish: "Faunal Subsistence Strategies among Initial Period Coastal Fishers at the Gramalote Site in the Moche Valley of Peru"
- 2012 PhD, Ralph Koziarski: "Meskwaki Fur Trade Economics: The Zooarchaeology of Cultural Contact"
- 2012 PhD, Matthew Warwick: "In the Shadow of the Peñon: A Zooarchaeological Study of Formative Diet, Economy, and Sociopolitics in the Río Pukara Valley, Peru"
- 2011 MS, Katie Ross: "Counting the Discounted : A Preliminary Zooarchaeological Study of Swiss Lake-Dwelling Collections in Two U.S. Museums"
- 2010 MS, Peter Grimm: "Vertebrate resource utilization at the McCauley site (47-WN-222) : Impacts of the Fur Trade on Subsistence & Seasonality in Eastern Wisconsin"
- 2009 MS, Paul Johnson: "The Hebior Mammoth : Skeletal Analysis and Experimental Butchery for a Proboscidean and Paleoindian Interaction Site in Southeastern Wisconsin"
- 2007 MS, Emily Mueller: "Multi-Tasking on the Mountain: An Analysis of a Northern Great Basin Zooarchaeological Assemblage, Mortar Riddle Site (35HA2627), Steens Mountain, Oregon"
- 2004 MS, Roberta Boczkiewicz: "What's Good for the Goose: The Use of Faunal Remains to Identify the Ethnicity and Economic Status of a Pomeranian Immigrant Farmstead"
- 2004 MS, Ralph Koziarski: "Vertebrate Resource Utilization at the Late Prehistoric Component of the Bell Site"
- 2003 MS, Peter Fantle: "Archaic Period Marine Mammal Hunting Strategies on the South Coast of Peru"
- 2002 MS, Vanesa Zeitz: "Pass the Duiker Please: Spatial Analysis of Animal Bone to Identify Social Differences"
- 2002 MS, Matthew Warwick: "A Diachronic Study of Animal Exploitation at Aztalan"

Degrees in progress

- PhD Amy Klemmer: "Climate Change and Human Ecology in Coastal Ecuador: A Zooarchaeological Study"
- PhD Laura Monahan: zooarchaeological analysis, Aztalan site
- MS Katherine Cianciola: museum studies, Andean archaeology

- MS Alyssa Rieger: museum studies, public outreach
- MS Reagan Herdt: museum studies, Ecuadorean zooarchaeology
- MS Jordan Fourshee: nonhuman remains in forensic studies, MEO collection
- MS Theresa Tajnai: started program Fall 2022 (biochemistry interests)
- MS Calleigh Wondra: started program Fall 2022 (accelerated MS and museum studies)

**OTHER EXPERIENCE: FIELD AND LABORATORY EXPERIENCE** (selected items)

- 2005 **Co-PI and Field Lab Director:** Preliminary data collection for Tahitian Taboo Project, Moorea, French Polynesia. Responsible for development of lab protocols and student training. The larger project to which these data will contribute is designed as an international collaboration with colleagues in French Polynesia and Canada. It integrates ethnographic, linguistic and archaeological research on dietary taboos with modern environmental health research on the risks and benefits of dietary fish. Co-PI is John Dellinger, UWM Clinical Laboratory Sciences.
- 2001, 03, 04 **Principal Investigator:** Peruvian Reed Boat Ethnoarchaeology Project, Huanchaco, Peru. Research design and field data collection and analysis. This on-going project documents the modern practices of making reed boats and conducting daily subsistence fishing from them and from shore. Archaeological evidence suggests the reed boats represent a local tradition of several thousand years. Quantitative data on labor costs and nutritional gains are combined with interview and participant observation to better understand the social dynamics of non-motorized artisanal fishing and its implications for local archaeological models.
- 2002 **Program Director** for “Ancient Peoples and Animals of Peru,” a UWM Winterim Study Abroad Program. Responsible for 12 students during 3 weeks of travel and museum training and research at Museo Contisuyo, Moquegua, Peru. Designed program of study and managed logistics abroad.
- 1999 - present **Zooarchaeology Lab Director**, Archaeological Research Lab, U.Wisconsin-Milwaukee. The lab serves educational and research purposes. The current comparative osteological collection includes over a hundred specimens representing Wisconsin mammals, birds, fish, and reptiles, and continues to expand. Facilities include both wet lab and dry labs, with prep and curation areas.
- 1994 - present **Principal Zooarchaeologist.** Preceramic Project, Ilo, Peru. Analysis of over 100,000 specimens of bone from two Preceramic sites in the coastal area of southern Peru (Villa del Mar and Kilometer 4); the Project PI, Karen Wise (NHMLAC), has included the data in her publications on the sites. A comparative collection was created in collaboration with Karen Rasmussen and Susan deFrance and is archived at the regional museum in Moquegua, Museo Contisuyo.
- 1994, 96, 97 **Field School Director.** Instruction in field techniques for graduates and undergraduates, including research design, survey and mapping, excavation, laboratory analysis, and report. Field school sites in Los Angeles and Santa Barbara counties, California.
- 1986 - 1987 **Principal Investigator:** Ethnoarchaeological field research in the Central African Republic, including training local French-speaking crew and organizing remote location logistics. The project was designed to record daily hunting life and the resulting patterns of zooarchaeological remains in modern foragers’ residential camps, using participant-observation and subsequent excavation. Publications have focused on spatial patterning, food sharing, and bone quantification.
- 1985 - 1986 **Curation and Records: Assistant Coordinator** for the Central Coast Information Center in Santa Barbara, a regional office of the California Archeological Site Survey, State Historic Preservation Office. Preparation of record searches for environmental impact assessments, maintenance of archives for Santa Barbara and San Luis Obispo counties, supervision of access.

- 1981 - present **Zooarchaeological Consultant.** Identification, data analysis, and report preparation for vertebrate remains from over 50 projects, including four large regional projects in coastal California integrating results from multiple sites. Analysis of collections from North America, MesoAmerica, Latin America, Europe, and Africa.
- 1978-1979 **Oral History Assistant.** Collection of interview data, review of historic archives for the Hoh Tribe, Hoh Reservation, Washington.
- 1974-1984 **Field archaeologist, survey and excavation.** Projects included:  
Upper Delaware Valley Early Man Project in Pennsylvania w/American University (1974)  
Trinity River Basin Survey in Texas w/Southern Methodist University (1975)  
American Camp excavations in Washington w/University of Idaho (1976)  
Dolores Project in Colorado w/Washington State University (1979)  
Chumash survey and excavation projects w/University of California, Santa Barbara (1980-1983)  
Henauhof Mesolithic excavations in Germany w/ University of California, Santa Barbara (1984)

## LANGUAGES

- Spanish - moderate fluency, spoken & written
- French - moderate fluency, spoken & written
- German - limited spoken & written

## PROFESSIONAL SERVICE

### Reviews for Professional Journals and Granting Agencies

- American Anthropologist*
- American Antiquity*
- Environmental Archaeology*
- Latin American Antiquity*
- Journal of Archaeological Science*
- Journal of Field Archaeology*
- Journal of Island and Coastal Archaeology*
- Midcontinental Journal of Archaeology*
- Wisconsin Archaeologist*
- National Geographic Society
- National Science Foundation

### Reviews for Peer Institutions

- University of Illinois, Chicago – faculty advancement review

### Symposia Organized or Chaired

- 2017 Session Organizer and Chair, *Andean Households, Living Spaces*, SAA, Washington, DC
- 2016 Session Organizer and Chair, *Trash Rules: Intrasite Zooarchaeology*, SAA, Orlando, Florida.
- 2015 Meeting Organizer, Midwest Conference for Andean and Amazonian Archaeology and Ethnohistory, Annual Meeting, Milwaukee, Wisconsin.
- 2013 Session Organizer and Co-Chair, *Both Meat and Meaning*, SAA, Honolulu, Hawaii.
- 2006 Organizer and Chair, *Fishing for Theory*, SAA Annual Meeting, San Juan, Puerto Rico.
- 2005 Chair, *South American Archaeology*, SAA Annual Meeting, Salt Lake City, Utah.
- 2003 Organizer, *Zooarchaeological Approaches to Archaeological Questions*, Society for American Archaeology (SAA) Annual Meeting, Milwaukee, WI

**Other Professional Service**

2010-13 Member, Excellence in Archaeological Analysis Committee, Society for American Archaeology  
2003 Chair, Local Advisory Committee, Society for American Archaeology Annual Meetings, Milwaukee.

**PROFESSIONAL ASSOCIATIONS (membership)**

International Council of Archaeozoology (ICAZ)  
Society for American Archaeology (SAA)

**UNIVERSITY SERVICE**

University

Social Sciences Divisional Committee (2015-2016)  
Faculty Senate (2000-2003)

College of Letters and Science

Center for Latin American and Caribbean Studies (CLACS)  
Undergraduate Certificate Committee Chair/Member (2002-2008)  
Advisory Committee Member (2009-2019, 22-23)  
Scholarship, Fellowship, Travel Grant Proposal Review Committee (2001-04, 2007-09, 2016-18)  
Latin American, Caribbean, and U.S. Latinx Studies (LACUSL)  
Advisory Committee Member (2022-2023)

Anthropology Department

Undergraduate Program Committee (Chair 2011-present)  
Undergraduate Advisor (2009, 2010-present)  
Course and Curriculum Committee (2001-2007, 2016, Chair 2011-2015, 2017-present)  
WEAVE (teaching assessments) Coordinator (2010-present)  
Grievance Committee (2006-2007)  
Colloquium Committee (2004-2005)  
Museology Committee (2003-2004)  
Web Committee (2002-2003)  
Graduate Admissions Committee (1999-2001)