

LAWRENCE CALVIN TODD, Jr.**2020****PERSONAL DATA:**

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EDUCATION:

University of Wyoming 1972-1978; **B.A.** in Anthropology, August 1978
University of New Mexico 1978-1983
 Albuquerque, New Mexico **M.A.** in Anthropology, August 1980; **Ph.D.** in Anthropology, December 1983
 Dissertation Title: [*The Horner Site: Taphonomy of an Early Holocene Bison Bonebed*](#)
 Dissertation Committee: L.R. Binford; L.G. Straus; J.A. Sabloff; E. Trinkaus; B. Kues; G.C. Frison

GRANTS AND SCHOLARSHIPS:

2020 Shoshone National Forest, Challenge Cost Share, Heritage Resources. Mod 2. GRSLE \$5,000
 2019 Shoshone National Forest, Challenge Cost Share, Heritage Resources. Mod 1. GRSLE \$10,000
 2018-2022 NSF BCS 1832486 *Reconstructing Ancient Human and Ecosystem Responses to Holocene Climate Conditions*
 Co-PI with D. McWethy, C. Lee, G. Pederson, & J. McConnell, \$349,989
 2018-2019 Wyoming SHPO CLG grant to PCHPC *Ice, Elk, and Archaeology: Inventory of Ice-Patches and Elk Migration Corridors, Washakie Wilderness, Wyoming*. PI \$12,340.
 2018 Shoshone National Forest, Challenge Cost Share, Heritage Resources. GRSLE \$15,000
 2017 Frison Institute Collections Grant *Documenting Articular End Breakage in Bison Jump Sites (Vore and Glenrock): Baseline data for evaluating perimortem fractures of AL288-I ("Lucy")*, \$500
 2016 Wyoming SHPO CLG grant to Park County Historic Preservation Comm., *Heart Mtn Public Archaeology*, \$14,000
 2016 Wyoming SHPO CLG grant to Park County Historic Preservation Comm., *Ice Patch Landscapes*, \$10,000
 2015 Wyoming SHPO CLG grant to Park County Historic Preservation Comm. *Top of Absaroka Inventory*, \$10,000.
 2014 Wyoming SHPO CLG grant to Park County Historic Preservation Commission, NRHP Evaluations \$7,140
 2014 Frison Institute Alpine Fund, *Obsidian Sourcing: Norton Point and Hardluck Fires, Wyoming* \$1,500
 2014 Wyoming SHPO CLG grant to Park County Historic Preservation Commission, *Post-Fire Archaeological Inventory of the Hardluck Fire, Park County, Wyoming* \$18,266
 2013 Leakey Foundation, *Taphonomic History of the Homo erectus Site at Trinil, Java* (co-PI J. Kappelman and F. Huffman). \$8000.
 2008-10 Shoshone National Forest, Cost Share, Heritage Resources. Mod. 3 USFS contribution to CSU \$27,000
 2006-10 Shoshone National Forest, Cost Share, Heritage Resources. Mod. 2 USFS contribution to CSU \$6,500
 2006-10 Shoshone National Forest, Cost Share, Heritage Resources. Mod. 1 USFS contribution to CSU \$2,000
 2005 National Park Service, Ethnohistory Cache la Poudre River National Heritage Area \$27,000
 2005-10 Shoshone National Forest, Cost Share, Heritage Resources. USFS contribution to CSU \$2000
 2004 Nebraska National Forest, Cost Share, Archaeological GIS Mod. 10. USFS contribution to CSU \$16,000
 2004 Nebraska National Forest, Cost Share, Archaeological GIS Mod. 9. USFS contribution to CSU \$10,000
 2002 Rocky Mountain Region, USDA Forest Service, Historic Structures \$10,000
 2002 Nebraska National Forest, Cost Share, Archaeological GIS. USFS contribution to CSU \$20,000
 2002 Nebraska National Forest, Cost Share, Field Class in Archaeology, USFS contribution to CSU \$16,000
 2002 Colorado State University, CLA Carl A. Bimson Humanities Seminar, \$8000
 2001 Nebraska National Forest, Cost Share, Archaeological GIS. USFS contribution to CSU \$29,500
 2000 Nebraska National Forest, Cost Share, Archaeological GIS. USFS contribution to CSU \$10,000
 1999 Nebraska National Forest, Cost Share, Archaeological GIS. USFS contribution to CSU \$5000
 1997 Nebraska National Forest, Cost-Share Contribution to UW \$15,003
 1996 Nebraska National Forest, Cost-Share Contribution to CSU \$42,995
 1995 Nebraska Nat. Forest, Cost-share CSU field school/UW paid crew. Total USFS contribution, \$80,000
 1994 IREX (International Research and Exchanges Board). Short-term travel grant for one month research visit to Ukraine for analysis of collections from the Amvrosievka LUP bison bonebed, \$2444.
 1994 Colorado State University, Professional Development Award \$1800
 1994 Nebraska Nat. Forest, Cost-share CSU/UNL field schools. Total USFS contribution, \$60,505.
 1993 Nebraska Nat. Forest, Cost-share CSU field School. USFS contribution, \$48,946
 1992 Colorado State University, Professional Development Award \$1200.
 1992 Earthwatch Project *Excavations at the Hudson-Meng Bison Kill Site.*" Co-PI with T. Liestman, \$43,000.
 1991 Earthwatch Project *"Excavations at the Hudson-Meng Bison Kill Site."* Co-PI with T. Liestman, \$36,000.
 1990-91 Wenner-Gren Grant No. Gr. 5287 "Investigation of Seasonality, Herd Structure, Taphonomy, and Paleoecology at Folsom Bison Kill Sites on the Great Plains: 10,500 B.P." Co-PI with J.L. Hofman, \$9400.
 1984-86 NSF Grant No. BNS-840604, *Regional Late Prehistoric Adaptations on the Northwestern Plains.*" Co-Principal Investigator with G.C. Frison, \$55,000.
 1984-85 12 month postdoctoral fellowship in Anthropology at the Smithsonian. Dr. D.J. Stanford, advisor.
 1981 William Mulloy Scholarship, presented by the Wyoming Archaeological Society.

AWARDS

- 2018 Wyoming Archaeological Society, *Golden Trowel Award*
- 2009 USDA Rocky Mountain Regional Forester; *Recreation Partner Honor Award*
- 2002 Charles E. Bessey Award for the best natural science article in *Great Plains Research* during 2001 (Larson, R.M., L.C. Todd, E.F. Kelly, J.M. Welker. Carbon Isotope Analysis of Bison Dentition. *Great Plains Research* 11(1):25-64)
- 1999 Colorado State University Alumni Association "Best Teacher" Award
- 1986 Tom L. Popejoy Dissertation Prize. University of New Mexico, Office of Graduate Studies
- 1981 Ruth E. Kennedy Memorial Lecture Award. Presented by Maxwell Museum and Dept. of Anthropology, U. of New Mexico "to recognize an outstanding doctoral candidate in the Department of Anthropology."

PROFESSIONAL MEMBERSHIPS:

- [Society for American Archaeology](#) (SAA)
- [Geological Society of America](#) (GSA)
- [Society of Vertebrate Paleontology](#) (SVP)
- [American Association for Advancement of Science](#) (AAAS)
- [American Geophysical Union](#) (AGU)
- [American Alliance of Museums](#) (AAM)
- [Plains Anthropological Society](#) (PAS; lifetime membership)
- [Wyoming Association of Professional Archaeologists](#) (WAPA; lifetime membership)

RECENT PROFESSIONAL SERVICE:

- 2015-present; [Wyoming State National Register Review Board](#)
- 2006-2009; Executive Committee [SWARM division of AAAS](#)
- 2002-present, Scientific Board, [Journal of Taphonomy](#)
- 2004-present, Advisory Board, [Draper Museum of Natural History](#)
- 2008-present, [Park County Wyoming Historic Preservation Commission](#) (appointed County Commissioners)
- 2020-present, Meeteetse Historic Preservation Commission (appointed by Town Council)
- 2008-present [Meeteetse Museum District Board](#) (elected, Fall 2008, 2012, 2016 general elections)
- 2010-2017 [Meeteetse Local Planning Area Advisory Committee](#) (appointed by County Commissioners)

CURRENT AFFILIATION:

- 1992-present **Colorado State University**; Prof. Emeritus (beginning 2009); Prof. (2002-2009) Associate Prof. (1995-2002); Asst. Prof. (1992-95) Director, Lab. of Human Paleoecology (1997-2009); Faculty, Graduate Degree Program in Ecology (1995-2009)
- 2009-present **University of Texas, Austin**. Department of Anthropology, Research Fellow
- 2006-present **Draper Museum of Natural History** (Cody, Wyoming): Research Associate.
- 2007-present **Northwest College**, Powell, WY: Adjunct Professor.

OTHER EMPLOYMENT:

- 1989-1990 **Zuni Archaeology Program**, Assistant Director

TEACHING:

- 2008-2012 **Northwest College**, Adjunct Professor
- 1992-2008 **Colorado State University**, Department of Anthropology
- 1996-1997 **University of Wyoming** Associate Professor
- 1990-1991 **University of New Mexico**, Department of Anthropology, Adjunct Assistant Professor
- 1988-1989 **Boston University**, Department of Archaeology, Assistant Professor.
- 1985-1988 **University of Denver**, Department of Anthropology, Visiting Assistant Professor.
- 1986-1989 **University of Wyoming**, Department of Anthropology, Adjunct Assistant Professor.

RESEARCH INTERESTS:

Human interactions with mountain environments; Ecology and archaeology of hunter-gatherers; Heritage Resources and Recreation Ecology; Paleoindian/Paleolithic studies; paleoecology; vertebrate taphonomy; archaeological formation processes analysis/geoarchaeology; method and theory; site structural and spatial analysis; lithic analysis; regional archaeological survey and landuse research.

PUBLICATIONS (BOOKS):

1. 1986 Frison, G.C. and L.C. Todd. *The Colby Mammoth Site: Taphonomy and Archaeology of a Clovis Kill in Northern Wyoming*. University of New Mexico Press, Albuquerque.
2. 1987 Frison, G.C. and L.C. Todd (eds). *The Horner Site: The Type Site of the Cody Cultural Complex*. Academic Press, Orlando.

PUBLICATIONS (REFEREED JOURNAL ARTICLES):

1. 1982 Binford, L.R., and L.C. Todd. [On Arguments for the "Butchering" of Giant Geladas](#). *Current Anthropology* 23(1):108-110.
2. 1988 Kelly, R., and L.C. Todd. [Coming into the Country: Early Paleoindian Hunting and Mobility](#). *American Antiquity* 53(2):231-244.
3. 1988 Todd, L.C., and D.J. Rapson. [Long Bone Fragmentation and Interpretation of Faunal Assemblages: Approaches to Comparative Analysis](#). *Journal of Archaeological Science* 15:307-325.
4. 1990 Todd, L.C., J.L. Hofman, and C.B. Schultz. [Seasonality of the Scottsbluff and Lipscomb Bison Bonebeds: Implications for Modeling Paleoindian Subsistence](#). *American Antiquity*, 55(4):813-827.
5. 1991 Hofman, J.L., L.C. Todd, and M.B. Collins. Identification of Central Texas Edwards Chert at the Folsom and Lindenmeier Sites. *Plains Anthropologist*, 36:297-308.
6. 1992 Todd, L.C., J.L. Hofman, and C.B. Schultz. Faunal Analysis and Paleoindian Studies: The Lipscomb Bison Bonebed. *Plains Anthropologist* 37(139):137-165
7. 1997 Hofman, J.L. and L.C. Todd. Reinvestigation of the Perry Ranch Plainview Bison Bonebed, Southwestern Oklahoma. *Plains Anthropologist* 42(159):101-117.
8. 1998 Jahren, A.H., L.C. Todd, and R.G. Amundson. [Stable Isotope Analysis of Bison Bone Samples from the Hudson-Meng Bonebed: Effects of Paleotopography](#). *Journal of Archaeological Science* 25:465-475.
9. 1998 Kelly, E.F., S.W. Blecker, C.M. Yonker, C.G. Olson, E.E. Wohl, and L.C. Todd. [Stable Isotope Composition of Soil Organic Matter and Phytoliths as Paleoenvironmental Indicators](#). *Geoderma* 82:59-81.
10. 2000 Gadbury, C., L. Todd, A.H. Jahren, and R. Amundson. [Spatial and Temporal Variations in the Isotopic Composition of Bison Tooth Enamel from the Early Holocene Hudson-Meng Bone Bed, Nebraska](#). *Palaeogeography, Palaeoclimatology, Palaeoecology* 157(1-2):79-93.
11. 2001 Todd, L.C., D.C. Jones, R.S. Walker, P.C. Burnett, and J. Eighmy. Late Archaic Bison Hunters in Northern Colorado: 1997-1999 Excavations at the Kaplan-Hoover Bison Bonebed (5LR3953). *Plains Anthropologist* 47(176):125-147.
12. 2001 Larson, R.M., L.C. Todd, E.F. Kelly, J.M. Welker. Carbon Isotope Analysis of Bison Dentition. *Great Plains Research* 11(1):25-64.
13. 2002 Meltzer, D.J., L.C. Todd, and V.T. Holliday. [The Folsom \(Paleoindian\) Type Site: Past Investigations, Current Studies](#). *American Antiquity* 67(1):5-36.
14. 2002 Hill, M.G., M.E. Hill, D.W. May, T.P. Myers, D.J. Rapson, F. Sellet, J.L. Theler, and L.C. Todd. [Palaeoindian Subsistence Behaviour at the Clary Ranch site, Nebraska, U.S.A.](#) *Antiquity* 76:25-26.
15. 2002 Todd, L.C., M. Glantz, and J. Kappelman. [Chilga Kernet: An Acheulean Landscape on Ethiopia's Western Plateau](#). *Antiquity* 76: 611-612.
16. 2003 John Kappelman, D. T. Rasmussen, W.J. Sanders, M. Feseha, T. Brown, P. Copeland, J. Crabaugh, J. Fleagle, M. Glantz, A. Gordon, B. Jacobs, M. Maga, K. Muldoon, A. Pan, L. Pyne, B. Richmond, T. Ryan, E.R. Seiffert, S. Sen, L. Todd, M.C. Wiemann & A. Winkle. [Oligocene mammals from Ethiopia and faunal exchange between Afro-Arabia and Eurasia](#). *Nature* 426:549-552.
17. 2004 Niven, L.B., C.P. Eglund, and L.C. Todd. [An inter-site comparison of enamel hypoplasia in bison: implications for paleoecology and modeling Late Plains Archaic subsistence](#). *Journal of Archaeological Sci.* 31:1783-1794.
18. 2004 Burger, O, L.C. Todd, T. Stohlgren, P. Burnett, and D. Stephens. [Multi-Scale and Nested-Sampling Techniques for Archaeological Survey](#). *Journal of Field Archaeology* 29(3):409-423
19. 2009 Schoville, B. L. Burris, and L. Todd. Experimental artifact transport by Harvester ants (*Pogonomyrmex sp.*): Implications for patterns in the archaeological record. *Journal of Taphonomy* 7(4):285-303.
20. 2014 Kappelman, J., D. Tewabe, L. Todd, M. Feseha, M. Kay, G. Kocurek, B. Nachman, N. Tabor, and M. Yadeta. Another Unique River: a consideration of some of the characteristics of the trunk tributaries of the Nile River in northwestern Ethiopia in relationship to their aquatic food resources. *Journal of Human Evolution* 77:117-131.
21. 2015 Todd, L. A record of overwhelming complexity: High elevation archaeology in Northwestern Wyoming. In *Papers in honor of James Benedict, Plains Anthropologist Memoir* 43, edited by K.P. Cannon, J. Finley, and M.B. Cannon, pp. 67-86. *Plains Anthropologist* 60(236).
22. 2015 Feathers, J.K., M.N. Zedeño, L.C. Todd, and S. Aaberg. Dating Stone Alignments by Luminescence. *Advances in Archaeological Practice* 3(4):378-396.
23. 2016 Kappelman, J., R.A. Ketcham, S. Pearce, L. Todd, W. Akins, M.W. Colbert, M. Feseha, J.A. Maisano, A. Witzel. [Permortem fractures in Lucy suggest mortality from fall out of tall tree](#). *Nature* 537(7621):503-507.
24. 2019 Reekin, R. and L.C. Todd. Social-boundary Defence, Mountain People and Obsidian in the Absaroka and Beartooth Mountains of the Greater Yellowstone Ecosystem, USA. *Hunter Gatherer Research* 3.3:429-458.

25. 2019 Reckin, R. and LC Todd. Refining Chronology for Surface Collections: A New Adaptation of Morphological Dichotomous Keys for the Plains Typology and the Greater Yellowstone Ecosystem. *Plains Anthropologist*, in press.
26. 2019 Kappelman, J., R.A. Ketcham, S. Pearce, L. Todd, W. Akins, M.W. Colbert, C. Davis, M. Feseha, J.A. Maisano, and A. Witzel. Reply to Charlier et al. 2018. Mudslide and/or animal attack are more plausible causes and circumstances of death for AL 288 ('Lucy'): A forensic anthropology analysis. *Medico-Legal Journal*. DOI: 10.1177/0025817219849367.
27. 2020 Reckin, R. and L.C. Todd. Illuminating high elevation seasonal occupational duration using diversity in lithic raw materials and tool types in the greater Yellowstone Ecosystem, USA. *Journal of Anthropological Archaeology* 57:101119.

PUBLICATIONS (BOOK CHAPTERS):

1. 1983 Binford, L.R., and L.C. Todd. On Arguments for the "Butchering" of Giant Geladas. Reprinted in *Working at Archaeology*, Lewis R. Binford, pp.205-209. Academic Press.
2. 1986 Todd, L.C. ИССЛЕДОВАНИЕ СКОПЛЕНИЯ ОСТАТКОВ БИЗОНОВ ИЗ РАННЕГОЛОЦЕНОВОЙ СТОЯНКИ ХОРНЕР, ПАРК КАУНТИ, ВАЙОМИНГ, США. In *Quaternary Research: Selected papers from the XI INQUA Congress*, edited by I.P. Kartashov, and K.V. Nikiforova, pp.168-176. Nauka, Moscow, USSR.
3. 1987 Todd, L.C. Analysis of Kill-Butchery Bonebeds and Interpretation of Paleoindian Hunting. In *The Evolution of Human Hunting*, edited by M. Nitecki and D. Nitecki, pp. 225-266. Plenum Press, New York.
4. 1987 Todd, L.C. Bison Bone Measurements. In *The Horner Site: The Type Site of the Cody Cultural Complex*, edited by G.C. Frison and L.C. Todd, pp. 371-403. Academic Press, Orlando.
5. 1987 Todd, L.C. Excavation and Documentation of the Princeton and Smithsonian Horner Site Assemblages. In *The Horner Site: The Type Site of the Cody Cultural Complex*, edited by G.C. Frison and L.C. Todd, pp. 39-91. Academic Press, Orlando.
6. 1987 Todd, L.C. Taphonomy of the Horner II Bone Bed. In *The Horner Site: The Type Site of the Cody Cultural Complex*, edited by G.C. Frison and L.C. Todd, pp. 107-198. Academic Press, Orlando.
7. 1987 Frison, G.C., L.C. Todd, and B.A. Bradley. Summary and Concluding Remarks. In *The Horner Site: The Type Site of the Cody Cultural Complex*, edited by G.C. Frison and L.C. Todd, pp. 361-369. Academic Press, Orlando.
8. 1987 Todd, L.C., and J.L. Hofman. Bison Mandibles from the Horner and Finley Sites. In *The Horner Site: The Type Site of the Cody Cultural Complex*, edited by G.C. Frison and L.C. Todd, pp. 493-539. Academic Press, Orlando.
9. 1991 Todd, L.C. Seasonality Studies and Paleoindian Subsistence Strategies. In *Human Predators and Prey Mortality*, edited by M.C. Stiner, pp. 217-238. Westview Press, Boulder.
10. 1992 Rapson, D.J., and L.C. Todd. Conjoins, contemporaneity, and site structure: Distributional analyses of the Bugas-Holding site. In *Piecing Together the Past: Applications of Refitting Studies to Archaeology*, edited by J.L. Hofman and J. Enloe, 238-263. BAR International Series 578, Oxford.
11. 1992 Todd, L.C., and G.C. Frison. Reassembly of Bison Skeletons From the Horner Site: A Study in Anatomical Refitting. In *Piecing Together the Past: Applications of Refitting Studies to Archaeology*, edited by J.L. Hofman and J. Enloe, 63-82. BAR International Series 578, Oxford.
12. 1992 Todd, L.C., and D.J. Stanford. Application of Conjoined Bone Data to Site Structural Studies. In *Piecing Together the Past: Applications of Refitting Studies to Archaeology*, edited by J.L. Hofman and J. Enloe, 21-35. BAR International Series 578, Oxford.
13. 1995 Kornfeld, M., L.C. Todd, E.E. Ingbar, and D.J. Rapson. Introduction to the McKean Site Testing: Field Methods and Lab Procedures. In *Keyhole Reservoir Archaeology: Glimpses of the Past from Northeast Wyoming*, edited by M. Kornfeld, G.C. Frison, and M.L. Larson, pp.223-232. *Occasional Papers on Wyoming Archaeology*, Number 5. Laramie, Wyoming.
14. 1996 Todd, L.C., D.J. Rapson, and J.L. Hofman. Dentition Studies of the Mill Iron and Other Early Paleoindian Bison Bonebed Sites. In *The Mill Iron Site*, edited by G. C. Frison, pp.145-175. University of New Mexico Press, Albuquerque.
15. 1997 Todd, L.C., M.G. Hill, D.J. Rapson, and G.C. Frison. Cutmarks, Impacts, and Carnivores at the Casper Site Bison Bonebed. In *Proceedings of the 1993 Bone Modification Conference Hot Springs, South Dakota*, edited by L.A. Hannus, L. Rossum, and R.P. Winham, pp. 136-157. Archaeology Laboratory Augustana College, Occasional Publication No. 1. Sioux Falls, South Dakota.
16. 1999 Todd, L.C., and D.R. Rapson. [Formational Analysis of bison bonebeds and interpretation of Paleoindian subsistence](#). In *Le Bison: Gibier et Moyen de Subsistance des hommes du Paléolithique aux Paléindiens des Grandes Plains*, edited by J-P. Brugal, F. David, J.G. Enloe, and J. Jaubert, pp. 479-499. Association pour la promotion et la diffusion des Connaissances Archéologiques, Antibes, France.
17. 1999 Rapson, D.R., and L.C. Todd. Linking Trajectories of intra-site faunal use with food management strategies at the Bugas-Holding site: Attribute based spatial analysis of a high altitude winter habitation, Wyoming, USA. In *Le Bison: Gibier et Moyen de Subsistance des hommes du Paléolithique aux Paléindiens des Grandes Plains*, edited by J-P. Brugal, F. David, J.G. Enloe, and J. Jaubert, pp. 455-478. Association pour la promotion et la diffusion des Connaissances Archéologiques, Antibes, France.

PUBLICATIONS (BOOK CHAPTERS, cont.):

18. 2001 Frison, G.C. and L.C. Todd. The Colby Mammoth Kill Site 48WA322; Hunting Mammoths; and Experiments with Clovis Tools and Weaponry. In *Proceedings of the International Conference on Mammoth Site Studies*, edited by D. West, pp. 11-26. University of Kansas Publications in Anthropology 22. Lawrence, Kansas.
19. 2001 Hofman, J.L., and L.C. Todd. Tyranny in the Archaeological Record of Specialized Hunters. In *People and Wildlife in Northern North America: Essays in Honor of R. Dale Guthrie*, edited by S.C. Gerlach and M.S. Murray, pp. 200-215. British Archaeological Reports, International Series S944, Oxford.
20. 2003 Todd, L.C. 1989 Taphonomic Investigations of the Burnham Site Bison and Equid Bone Beds. In D. Wyckoff, J.L. Theler, and B. J. Carter (eds), pp. 235-248, *The Burnham Site in Northwestern Oklahoma: Glimpses Beyond Clovis*. Sam Noble Oklahoma Museum of Natural History and Oklahoma Anthropological Society Memoir 9. Oklahoma City.
21. 2004 REPRINT. Kelly, R., and L.C. Todd. [Coming into the Country: Early Paleoindian Hunting and Mobility](#). In *Readings in Late Pleistocene North America and Early Paleoindians: Selections from American Antiquity*, compiled by B. Huckell and J.D. Kilby, pp. 179-192. Society for American Archaeology.
22. 2004 REPRINT. Todd, L.C., J.L. Hofman, and C.B. Schultz. [Seasonality of the Scottsbluff and Lipscomb Bison Bonebeds: Implications for Modeling Paleoindian Subsistence](#). In *Readings in Late Pleistocene North America and Early Paleoindians: Selections from American Antiquity*, compiled by B. Huckell and J.D. Kilby, pp. 193-208. Society for American Archaeology.
23. 2006 Meltzer, D.J. and L.C. Todd (with contribution by A. Winkler). The Faunal Assemblage and Bison Bonebed Taphonomy. In *Folsom: New Archaeological Investigations at a Classic Paleoindian Bison Kill*, by D.J. Meltzer, pp. 205-246. University of California Press, Berkeley.
24. 2006 Burger, O.B. and L.C. Todd. [Grain, Extent, and Intensity: The Components of Scale in Archaeological Survey](#). In *Confronting Scale in Archaeology: Issues of Theory and Practice*, edited by G. Lock and B.L. Molyneux, pp. 235-255. Springer.
25. 2007 Wilson, M.C., L.C. Todd, and G.C. Frison. Bison Ages from Dentitions at the Murray Springs Clovis Site, Arizona. In *Murray Springs: A Clovis Site with Multiple Activity Areas in the San Pedro Valley, Arizona*, edited by C.V. Haynes, Jr. and B.B. Huckell, pp. 138-145. University of Arizona Press, Tucson.
26. 2008 Burger, O.B., L.C. Todd, and P. C. Burnett. The Behavior of Surface Artifacts: Building a Landscape Taphonomy on the High Plains. In *Archaeological Landscapes on the High Plains*, edited by L.L. Scheiber and B.J. Clark, pp. 203-236. University Press of Colorado, Boulder.
27. 2016 Todd, L.C., and D. Rapson. Research and Public Visitation at Hudson-Meng, 1991-1996: Integrating Observations and Interpretations. In *Pisskan: Interpreting First Peoples Bison Kills at Heritage Parks*, edited by L.B. Davis and J.W. Fisher, JR. pp. 195-223. University of Utah Press, Salt Lake.
27. 2019 Todd, L.C. Taking it to Another Level: Engaging the Archaeology of Northwestern Wyoming's High Elevation Landscapes. In *Dinwoody Dissected: Looking at the Interrelationships between Central Wyoming Petroglyphs*, edited by D. Walker, pp. 185-211. Wyoming Archaeological Society.

PUBLICATIONS (MONOGRAPHS):

1. 1983 Todd, L.C. [The Horner Site: Taphonomy of an Early Holocene Bison Bonebed](#). Ph.D. dissertation, University of New Mexico. University Microfilms, Ann Arbor.
2. 1984 Walker, D.N., and L.C. Todd (editors). *Archaeological Salvage At 48FRI398: The Castle Gardens Access Road Site, Fremont County, Wyoming*. Occasional Papers On Wyoming Archaeology, No. 2. Laramie.
3. 1985 Kornfeld, M. and L.C. Todd (editors). *McKean-Middle Plains Archaic: Current Perspectives*. Occasional Papers on Wyoming Archaeology, No. 4. Laramie, Wyoming.
4. 1994 Anderson, J.L., L.C. Todd, G.R. Burgett, and D.J. Rapson. *Archaeological Investigations at the Massey Draw Site (5JF339): Archaic Occupations Along the Rocky Mountain Front Range, Jefferson County, Colorado*. Colorado Department of Transportation Archaeological Research Series No. 3. Denver.

PUBLICATIONS (REVIEWS AND COMMENTS):

1. 1986 Todd, L.C. Comments on "Zhoukoudian: A Closer Look" by Lewis R. Binford and Nancy M. Stone. *Current Anthropology* 27(5):471.
2. 1989 Todd, L.C. Comments on "Diversity, Organization, and Behavior in the Material Record: Ethnographic and Archaeological Examples" by M.J. Shott. *Current Anthropology*, 30:309-310.
3. 1990 Review of *Anatomy and Biology of the Human Skeleton, The Archaeology of Animals, and Teeth*. *Journal of Field Archaeology* 17:337-340.
4. 1992 Todd, L.C. Review of "Final Report of the 1985 and 1986 Field Season at Head-Smashed-In Buffalo Jump, Alberta" by Jack Brink and Bob Dawe. *Plains Anthropologist* 37(139):178-180.
5. 1994 Todd, L.C. Review of "Hunters of the Recent Past" edited by L.B. Davis and B.O.K. Reeves. *Plains Anthropologist*, 39(150):488-490.
6. 1993 Todd, L.C. Review of *Distributional Archaeology*, by J.I. Ebert. *Great Plains Research*, 3(1):115-115.
7. 1994 Todd, L.C. Review of *The First Americans: Search and Research* edited by T.D. Dillehay and D.J. Meltzer. *American Antiquity* 59(3):567-568.

OTHER PUBLICATIONS:

1. 1978 Larson, M.L., and L.C. Todd. The Charity Site: 48CR481. *The Wyoming Archaeologist* 21(1):11-22.
2. 1978 Todd, L.C., and J.L. Hofman. A Study of Bison Mandibles from the Horner and Finley Sites: Two Paleoindian Bison Kill Sites in Wyoming. *University of Wyoming Publications* 42(1):65-104.
3. 1979 Hofman, J.L., and L.C. Todd. A Surface Study of the Dry Creek Sites (48CA179 and 48CA180); Campbell County, Wyoming. *The Wyoming Archaeologist* 22(1):41-63.
4. 1980 Todd, L.C., and J.L. Hofman. An Initial Report on the Surface Collections from Long Butte #2 (48FR261): The Hearths and Projectile Points. In *Wyoming Contributions to Anthropology* 2:16-57. University of Wyoming, Laramie.
5. 1983 Todd, L.C. Taphonomy: Fleshing Out the Dry Bones of Plains Prehistory. *The Wyoming Archaeologist* 26(3-4):36-46.
6. 1985 Walker, D.N., L.C. Todd, and G.C. Frison. The Hunter Ranch Mammoth: Analysis of a Single-Carcass Death Site. *Current Research in the Pleistocene* 2:73-74.
7. 1986 Todd, L.C. Determination of Sex of Bison Upper Forelimb Bones: The Humerus and Radius. *The Wyoming Archaeologist* 29(1-3):109-124.
8. 1989 Hofman, J.L., L.C. Todd, and C.B. Schultz. [Further investigations of the Folsom bison kill at Lipscomb, Texas.](#) *Current Research in the Pleistocene*, 6:16-18.
9. 1990 Hofman, J.L., and L.C. Todd. The Lipscomb Bison Quarry: 50 Years of Research. *Transactions of the 25th Regional Archaeological Symposium for Southeastern New Mexico and Western Texas*, edited by P. Brothers, pp. 43-58. Midland Archaeological Society, Midland, TX.
10. 1990 Wyckoff, D.G., B.J. Carter, W. Dort, Jr., G.R. Brakenridge, L. Martin, J. Theler, & L. Todd. Northwestern Oklahoma's Burnham Site: Glimpses Beyond Clovis? *Current Research in the Pleistocene* 7:60-63.
11. 1991 Wyckoff, D.G., G.R. Brakenridge, K. Buehler, B.J. Carter, W. Dort, L.D. Martin, J.L. Theler, and L.C. Todd. Interdisciplinary Research at the Burnham Site (34WO73), Woods County, Oklahoma. In *Guidebook 9th Annual Meeting South-Central Friends of the Pleistocene: A Prehistory of the Plains Border Region*, edited by B.J. Carter and P.A. Ward, pp. 82-121. Oklahoma State University, Stillwater, OK.
12. 1991 Hofman, J.L., L.C. Todd, C.B. Schultz, and W. Hendy. The Lipscomb Bison Quarry: Continuing Investigation at a Folsom Kill-Butchery Site on the Southern Plains. *Bulletin of the Texas Archaeological Society* 60 (for 1989):149-189.
13. 1991 Hofman, J.L., L.C. Todd, R.W. Graham, and F.B. King. Howard Gully: A Terminal Pleistocene Record from Southwestern Oklahoma. *Current Research in the Pleistocene* 8:33-36.
14. 1997 Collins, M.B., D.J. Stanford, J.L. Hofman, M.A. Jodry, R.O. Rose, L.C. Todd, K. Kibler, and J.M. Blackmar. Cody Down South: The Seminole-Rose Site in West Texas. *Current Research in the Pleistocene* 14:15-17
15. 1998 Meltzer, D.J., V.T. Holliday, and L.C. Todd. Recent Field Research at the Folsom Site (29CX1), New Mexico. *Current Research in the Pleistocene* 15:42-44.
16. 1999 Meltzer, D.J. V. T. Holliday, and L.C. Todd. 1998 excavations at the Folsom type site (29CX1), New Mexico. *Current Research in the Pleistocene* 16:55-57
17. 2002 Hill, M.G., D.W. May. T. Myers. D.J. Rapson. F. Sellet, J. Theler, and L. Todd. 2001 Investigations at the Clary Ranch site, Nebraska. *Current Research in the Pleistocene* 19:32-34.
18. 2003 M. M. Glantz and L. Todd. Remote sensing, paleoecology, and the archaeology of human migration during the Pleistocene in central Asia and western China. In: *Proceedings of SPIE Vol. 4890 Ecosystems Dynamics, Ecosystem-Society Interactions, and Remote Sensing Applications for Semi-Arid and Arid Land* edited by X. Pan, W. Gao, M. H. Glantz, and Y. Honda, pp. 695-701. SPIE: Bellingham, WA.

PAPERS PREPARED FOR PROFESSIONAL MEETINGS:

1. 1977 Todd, L.C., and J.L. Hofman. Preliminary Report on Investigations at the Long's Butte #2 Site (48FR261), Fremont County, Wyoming. Paper presented at the 35th Plains Conference. Lincoln, Nebraska.
2. 1977 Larson, M.L., and L.C. Todd. A Plains Archaic Site in Southeastern Wyoming. Paper presented at the 35th Plains Conference. Lincoln, Nebraska.
3. 1978 Todd, L.C.. Initial Analysis of Butchering Patterns in a Cody Complex Bison Kill Site. Paper presented at the 36th annual Plains Conference, November 9-11. Denver, Colorado.
4. 1979 Todd, L.C. Agents Affecting a Death Assemblage: Implications for the Analysis of Plains Bone Beds. Paper presented at the 37th Plains Conference, October 31-Nov 3. Kansas City, MO.
5. 1980 Todd, L.C. Patterns in the Distribution of Sites Within a Historic Settlement System. Paper presented at the 45th meeting of the Society for American Archaeology, May 1-3. Philadelphia, Pennsylvania.
6. 1981 Todd, L.C. Looking for Long-term Patterning in Hunter-gatherer Land Use: The WyCoalGas Example. Paper presented at the 39th Plains Conference. Bismark, North Dakota.
7. 1982 Todd, L.C. Analysis of an Early Holocene Mass Kill/Butchery Site: The Bison Remains from the Horner Site Bonebed, Park County, Wyoming (U.S.A.). Paper presented in the symposium "Environment and Hunting in the Stone Age," XI INQUA Congress. Moscow, U.S.S.R.

PAPERS PREPARED FOR PROFESSIONAL MEETINGS (cont.):

8. 1982 Todd, L.C. Studies of Bonebed Formation Processes: A Datum for the Analysis of Kill/Butchery Sites. Paper presented at the 40th Plains Conference. Calgary, Alberta, Canada.
9. 1983 Todd, L.C. Reassembly of Bison Skeletons from the Horner site: A Study in Anatomical Refitting. Paper presented at the 48th annual meeting of the Society for American Archaeology. Pittsburgh, Pennsylvania.
10. 1983 Todd, L.C., D.N. Walker, D. Wedel, and G. Miller. The Bugas Site (48PA563): A Late Prehistoric Period Winter Occupation in the Sunlight Basin, Wyoming. Paper presented at the 41st Plains Conference, Rapid City, SD.
11. 1983 Ingbar, E., D. Rapson, and L. Todd. Middle Plains Archaic Lithic Technology and Adaptation: The McKean Site, 1951 to 1983. Paper presented at the 41st Plains Conference. Rapid City, South Dakota.
12. 1983 Walker, D.N., and L.C. Todd. Archaeological Salvage at the Castle Gardens Access Road Site. Paper presented at the 41st Plains Conference. Rapid City, South Dakota.
13. 1984 Rapson, D.J., L.C. Todd, and G.C. Frison. Analysis of Site Structure at a Late Prehistoric Occupation Site: 1984 Excavations at the Bugas-Holding Site, Northwestern Wyoming. Presented at 42nd Plains Conference. Lincoln.
14. 1984 Todd, L.C. Investigation of Activity Structure in Kill-butchery Bonebeds: The Jones-Miller Site. Paper presented at the 42nd Plains Conference. Lincoln, Nebraska.
15. 1984 Walker, D.N., G.C. Frison, L.C. Todd, and D. Eckles. The Hunter Ranch Mammoth: Analysis of a Single Carcass Death Site. Paper presented at the 42nd Plains Conference. Lincoln, Nebraska.
16. 1985 Todd, L.C., D.J. Rapson, and E.E. Ingbar. Glimpses of Organization: Integration of Site Structure with the Analysis of Assemblage Content. Paper presented at the 50th Annual Meeting of the Society for American Archaeology. May 1-4, Denver, Colorado.
17. 1985 Todd, L.C., E.E. Ingbar, and D.J. Rapson. Faunal Analysis and Site Structure: Two Case Examples. Paper presented at IUPPS meeting, Denver Colorado, April 30-May 1.
18. 1986 Todd, L.C. and R.L. Kelly. Paleoindian Bison Procurement and Long-term Mobility. Paper presented at the 51st annual meeting of the Society for American Archaeology. New Orleans.
19. 1986 Todd, L.C. Taphonomic Analysis of Kill-Butchery Sites and Interpretation of Paleoindian Adaptation. Invited presentation at the Ninth Spring Systematics Symposium: The Evolution of Human Hunting. Field Museum of Natural History, Chicago. May 9-10.
20. 1986 Todd, L.C., M.E. Fogarty, and D. Rapson. Long Bone Fragmentation and Interpretation of Faunal Assemblages: Approaches to Comparative Analysis. Paper presented at the 44th Plains Conference, Denver, CO November 20-22.
21. 1986 Nash, M.A., J.M. Welch, L.C. Todd, and L.D. Brown. Archaeological Resources of the Upper Gooseberry Creek, Park County, Wyoming. Paper presented at the 44th Plains Conference, Denver, CO. Nov. 20-22.
22. 1987 Rapson, D.J., and L.C. Todd. Attribute Based Spatial Analysis: An Example from a Hunter-Gatherer Site in Northwestern Wyoming. Paper presented at the 52 Annual Meeting, Society for American Archaeology, Toronto, Canada. May 7-10.
23. 1987 Todd, L.C. Spatial Data: Time, Money, and the Archaeological Record. Paper at the 45th Plains Conference, Columbia MO.
24. 1988 Rapson, D.J., and L.C. Todd. Conjoins, Contemporaneity, and Site Structure: Distributional Analyses of the Bugas-Holding Site. Paper presented at the 53rd annual meeting Society for American Archaeology, Phoenix, AZ.
25. 1988 Todd, L.C., and D.J. Rapson. Bonebed Analysis and Paleoindian Studies: The Mill Iron Site. Paper presented at the 53rd annual meeting of the Society for American Archaeology, Phoenix, Arizona. April 27-May 1.
26. 1988 Todd, L.C., J.L. Hofman, and C.B. Schultz. Faunal Analysis and Paleoindian Studies: The Lipscomb Bison Bonebed. Paper presented at the 46th Plains Anthropological Conference, Wichita, KA. November 2-5.
27. 1988 Hofman, J.L., L.C. Todd, and C.B. Schultz. The Lipscomb Bison Quarry: Continuing Investigations at a Folsom Kill-Butchery Site on the Southern Plains. Paper presented at the 46th Plains Conference, Wichita, KS. November 2-5.
28. 1988 Flynn, P., D. Wyckoff, B. Carter, W. Dort, L. Martin, J. Theler, and L.C. Todd. Beyond Clovis: A Glimpse from the Burnham Site? Paper presented at the 46th Plains Anthropological Conference, Wichita, KA. November 2-5.
29. 1989 Hofman, J.L., and L.C. Todd. Reinvestigation of the Lipscomb Bison Kill and its Significance for Folsom Period Research. Paper presented at the 54th Annual Meeting of the Society for American Archaeology, Atlanta Georgia, April 5-9.
30. 1989 Rapson, D.J., and L.C. Todd. Bodysize, Season, Sex, and Butchery: Inferences About Storage and Transport Through Faunal Analysis. Paper presented at the 54th Annual Meeting of the Society for American Archaeology, Atlanta Georgia, April 5-9.
31. 1989 Todd, L.C. Seasonality Studies and Paleoindian Subsistence Strategies. Paper presented at the 54th Annual Meeting of the Society for American Archaeology, Atlanta Georgia, April 5-9.
32. 1989 Hofman, J.L., and L.C. Todd. Paleo-Topography and Early Paleoindian Bison Kill Scenarios at Lipscomb, Texas. Paper presented at the 47th Annual Plains Conference, Sioux Falls, SD. October 18-21.

PAPERS PREPARED FOR PROFESSIONAL MEETINGS (cont.):

33. 1989 Rapson, D.J., and L.C. Todd. Subsistence and Structure in the Archaeological Record: Investigating Faunal Use and Distributional Patterning at the Bugas-Holding Site. Paper presented at the Symposium in Honor of Lewis R. Binford. Albuquerque, NM. November 3-5.
34. 1990 Todd, L.C., M. Lawson, and K. Klein. Linear and Small-Scale Surveys as a Regional Pattern Recognition Strategy. Paper prepared for 55th annual meeting of the Society for American Archaeology, Las Vegas, Nevada. April 18-22.
35. 1990 Anyon, R., and L.C. Todd. Digging Where There's Nothing: Off-Site Trenching and Archaeological Survey. Paper prepared for 55th annual meeting of the Society for American Archaeology, Las Vegas, Nevada. April 18-22.
36. 1990 Todd, L.C. Kills, Caches, Camps, and the Interpretation of Paleoindian Subsistence. Invited presentation at Fifty Years of Discovery: The Lubbock Lake Landmark Dedication Ceremony. Oct. 14-21. Texas Tech University, Lubbock.
37. 1990 Todd, L.C. Taphonomic Investigations of the Burnham Site Bison and Equid Bonebeds. Paper presented at the 48th Plains Conference, Oct. 31-Nov. 4. Oklahoma City, OK.
38. 1991 Latady, W., M. Graham, and L. Todd. Time and Time Again: The Archaeology of Abandonment, Reuse and Reoccupation. Paper presented at the 56th annual meeting of the Society For American Archaeology, New Orleans.
39. 1991 Rapson, D.J., and L.C. Todd. Body Parts, Processing Options, and Energy Sources: Contextual Interpretations of Archaeological Faunal Assemblages. Paper at 56th meeting, Society For American Archaeology, New Orleans.
40. 1991 Todd, L.C. Variation in Folsom Age Bison Assemblages: Implications for the Interpretation of Human Action. Paper presented at for the 56th annual meeting of the Society For American Archaeology, New Orleans.
41. 1991 Anyon, R. and L.C. Todd. Tempo, Duration, and Sequence: Microstratigraphic Excavations and Basketmaker III Settlement Systems. Paper presented at for the 56th annual meeting of the Society For American Archaeology, New Orleans.
42. 1991 Todd, L.C. Bonebed Analysis and Paleoindian Landuse. Invited paper presented at the Denver Symposium on Paleoindian-Upper Paleolithic Relations, June 13-15, Denver Museum of Natural History.
43. 1991 Todd, L.C. and D.J. Rapson. 1991 Excavations at the Hudson-Meng Bison Bonebed: Aspects of the Formational History. Paper presented at the 49th Plains Conference. Lawrence, Kansas.
44. 1991 Todd, L.C., and C.A. Reher. Taphonomic Analysis of the Lodgepole Creek Bison Bonebed. Paper presented at the 49th Plains Conference. Lawrence, Kansas.
45. 1992 Todd, L.C. Rethinking Context: A Descriptive or Analytical Concept? Paper presented at the 50th Plains Conference, Lincoln, NE.
46. 1992 Todd, L.C., M.G. Hill, A. Ono, and G.C. Frison. Paleoindian Butchery: A Reexamination of the Casper Site Bison Bonebed. Paper presented at the 50th Plains Conference, Lincoln, NE.
47. 1992 Kornfeld, M., J. Miller, L.C. Todd, J. Saysette, and G.C. Frison. Paleoindian Occupation in a Portion of Colorado's Middle Park: Preliminary Report on Several Sites with Goshen Complex Manifestations. Paper presented at the 50th Plains Conference, Lincoln, NE.
48. 1992 Rapson, D.J., and L.C. Todd. 1992 Excavations at the Hudson-Meng Bison Bonebed: Analytic Approaches for Evaluating Bonebed Formation. Paper presented at the 50th Plains Conference, Lincoln, NE.
49. 1993 Todd, L.C. Ethno and Other Archaeologies: Observational Scales and Interpretative Potentials. Paper prepared for 58th Annual Meeting, Society for American Archaeology. St. Louis, MO.
50. 1993 Todd, L.C., M.G. Hill, and G.C. Frison. Bone Modification at the Casper Site Bison Bonebed. Paper presented at the Eighth International Meeting of Bone Modification Working Group. Hot Springs, SD.
51. 1993 Todd, L.C., D.J. Rapson, and L. Redmond. Continued Investigations at the Hudson-Meng Paleoindian Bison Bonebed. Paper presented at the 51st Plains Conference. Saskatoon, Saskatchewan.
52. 1993 Todd, L.C., D.J. Rapson, and J. Labelle. 1993 Excavations at the Hudson-Meng Bison Bonebed, Sioux County, Nebraska. Paper prepared for 2nd Island in the Plains Conference, Hot Springs, South Dakota.
53. 1994 Todd, L.C. Quarries, Communal Kills, and Multi-Animal Mass Mortalities: Interdisciplinary Studies and Interpretations of Bison Bonebeds. Paper prepared for 59th Meeting of the Society for American Archaeology, Anaheim CA.
54. 1994 Todd, L.C. Taphonomy and Archaeology of North American Paleoindian Bison Bonebeds. Presentation to the Ukrainian Academy of Science, Institute of Archaeology, Kiev, Ukraine.
55. 1994 Todd, L.C. O`k~qlhiv mtmqlhv {eh de~qej {lmpqh n`jemhldehueb. Paper at the Paleolithic Archaeology of the Ukraine Conference, Donesk, Ukraine.
56. 1994 Todd, L.C. and R.M. Larson. Stable Isotopes, Bison Dentitions, and Paleoecological Reconstructions. Paper prepared for 24th Great Basin Anthropological Conference. Elko, Nevada.
57. 1994 Hofman, J.L., and L.C. Todd. Reinvestigation of the Perry Ranch Plainview Bison Bonebed, Southwestern Oklahoma. Paper prepared for the 52nd Plains Conference. Lubbock, TX.
58. 1994 Todd, L.C. Big Bison Bonebeds: The Amvosievka and Hudson-Meng Sites. Paper prepared for the 52nd Plains Conference. Lubbock, TX.

PAPERS PREPARED FOR PROFESSIONAL MEETINGS (cont.):

59. 1994 Todd, L.C. and J.M. LaBelle. Taphonomy of the Glenrock Buffalo Jump: Humeri and Atlas Vertebrae. Paper for the 52nd Plains Conference. Lubbock, TX.
60. 1994 Larson, R.M., and L.C. Todd. Temporal and Geographic Shifts in Isotopic Signatures Derived from Bison Enamel. Paper prepared for the 52nd Plains Conference. Lubbock, TX.
61. 1994 Larson, R.M., and L.C. Todd. Foraging Patterns of the Glenrock Bison: Exploring Intra-Assemblage Variations of Isotope Signatures. Paper prepared for the 52nd Plains Conference. Lubbock, TX.
62. 1995 Hofman, J.L. and L.C. Todd. Lipscomb: Just Another Paleoindian Bison Bonebed? Paper Presented at the 60th Annual Meeting of the Society for American Archaeology. Minneapolis, Minnesota.
63. 1995 Hill, M.G. and L.C. Todd. Paleoindian Subsistence on the Northwestern Plains: New data from the Casper and Agate Basin Sites. Paper Presented at the 60th Annual Meeting of the Society for American Archaeology. Minneapolis, MN.
64. 1995 Todd, L.C. and D.J. Rapson. Formational Analysis of Bison Bonebeds and Interpretation of Paleoindian Subsistence. Invited presentation at Colloque International sur "Le Bison: Gibier et Moyen de Subsistance des Hommes du Paleolithique Moyen aux Paleo-Indiens des Grandes Plaines." Toulouse, France.
65. 1995 Rapson, D.J. and L.C. Todd. Linking Trajectories of Intra-site Faunal Use with Food management strategies at the Bugas-Holding Site. Invited presentation at Colloque International sur "Le Bison: Gibier et Moyen de Subsistance des Hommes du Paleolithique Moyen aux Paleo-Indiens des Grandes Plaines." Toulouse, France.
66. 1995 Todd, L.C. Bonebeds, Bison Hunters, and Taphonomy: Learning to Recognize What We Don't Know. Paper presented at 53rd Plains Conference, Laramie, WY.
67. 1995 Todd, L.C. and D. J. Rapson. Excavation, Research, and Public Interpretation at the Hudson-Meng Bison Bonebed, Sioux County, Nebraska. Paper presented at the 53rd Plains Conference. Laramie, Wyoming.
68. 1995 Todd, L.C. and S.A. Sherman. Bison-on-a-Disk and Other Useful Aspects of Photo CD Technology. Paper presented at the 53rd Plains Conference. Laramie, WY.
69. 1995 Burns, M.J. and L.C. Todd. CAD Analysis of Archaeological Data. Paper presented at the 53rd Plains Conference. Laramie, Wyoming.
70. 1995 Burns, M.J., and L.C. Todd. Morphology of Bison Proximal Femora: A CAD Comparison of *B. bison* and *B. antiquus*. Paper presented at the 53rd Plains Conference. Laramie, Wyoming.
71. 1995 Hill, M.G., L.C. Todd, and M.E. Hill. Postcranial Size Reduction of Late Quaternary Bison. Paper presented at the 53rd Plains Conference. Laramie, WY.
72. 1995 LaBelle, J.M., L.C. Todd, M.G. Hill, J. Kennedy, W.T. O'Donnell. Modeling Hunter-Gatherer Processing Strategies on the Northwestern Plains: Reanalysis of the Glenrock Buffalo Jump (48CO304) Bison Assemblage. Paper presented at the 53rd Plains Conference. Laramie, WY.
73. 1995 Rapson, D.J., and L.C. Todd. Taphonomic Analysis of the Hudson-Meng Bison Bonebed: The 1995 Field Season. Paper presented at the 53rd Plains Conference. Laramie, Wyoming.
74. 1995 Jahren, Hope, R.G. Amundson, and L.C. Todd. Pleistocene-Holocene Paleoclimate of the Great Plains as indicated by oxygen isotope composition of fossil hackberry carbonate from the Hudson-Meng Bison Bonebed site in NE Nebraska. Paper at the Geological Society of American Meeting, New Orleans.
75. 1995 Jahren, Hope, R.G. Amundson, and L.C. Todd. Pleistocene-Holocene Paleoclimate of the Great Plains as indicated by oxygen isotope composition of fossil hackberry carbonate from the Hudson-Meng Bison Bonebed site in NE Nebraska. Paper at the American Geophysical Union Fall Meeting, San Francisco.
76. 1996 Todd, L.C. and J.L. Hofman. Plains Paleoindian Hunters and Bison Paleocology. Paper presented at the 23rd Alaska Anthropological Association Annual Meeting, Fairbanks, Alaska.
77. 1996 Gadbury, C., H. Jahren, L.C. Todd, and R. Amundson. Dietary Patterns in a Paleoindian-Age Bison Herd: Results of Isotope Studies on Bison Teeth from the Hudson-Meng Bonebed Site in NW Nebraska. Paper presented at 61st Annual Meeting of the Society for American Archaeology, New Orleans.
78. 1996 Jahren, H., R. Amundson, and L.C. Todd. Data on the Climate Environment of Paleoindians in the Great Plains: Results of Isotope Studies on a Variety of Substrates from the Hudson-Meng Bison Bonebed Site in NW Nebraska. Paper presented at 61st Annual Meeting of the Society for American Archaeology, New Orleans.
79. 1996 Todd, L.C. A Season to Kill? Bison Bonebeds, Seasonality Studies, and Paleoindian/Paleolithic Subsistence. Paper at 61st Annual Meeting of the Society for American Archaeology, New Orleans.
80. 1996 Todd, L.C. and D.J. Rapson. Taphonomy, Chronology, and Stratigraphy: The 1991-1996 Excavations at Hudson-Meng (25SX115). Paper presented at 54th Plains Conference, Iowa City.
81. 1996 Jahren, H., C. Gadbury, L. Todd, and R. Amundson. The Climate Environment of the Great Plains 9,200 Years Ago. Paper presented at the 54th Plains Conference, Iowa City.
82. 1997 Rapson, D.J., L.C. Todd, and C.A. Reher. 1997 Excavations at the Vore Buffalo Jump: Reinvestigating Bonebed Formation, Chronology, and Stratigraphy. Paper presented at the 55th Plains Anthropological Conference, Boulder.
83. 1998 Meltzer, D.J. and L.C. Todd. 1997 Re-Investigations at the Folsom Type Site, New Mexico. Paper presented at 63rd Annual Meeting of the Society for American Archaeology, Seattle.
84. 1999 Todd, L.C., R.S. Walker and D.C. Jones. Kaplan-Hoover Bison Bonebed (5LR3953): Summary of 1997-1999 Excavations. 57th Plains Conference, Sioux Falls, SD.
85. 1999 Todd, L.C., R.S. Walker, Oskar Burger, and D.J. Rapson. Linking Multiple Spatial Scales: UTM-Based Archaeological Investigations. 57th Plains Conference, Sioux Falls, SD.

PAPERS PREPARED FOR PROFESSIONAL MEETINGS (cont.):

86. 1999 Grutt, J. , C. Nicholson , and L.C. Todd . 24SX348, Archaeology on the Level: Examining the Patches within the Scatters Using Spatial Analysis in the Oglala National Grasslands, Sioux County, Nebraska. 57th Plains Conference, Sioux Falls, SD.
87. 1999 Grutt, J. , L.C. Todd, and M.R. Paule. Integrating Molecular Biology with Zooarchaeology: Assessing Autochthonous Contamination at the Kaplan-Hoover (5LR3953) *Bison bison* Bonebed. 57th Plains Conference, Sioux Falls, SD.
88. 1999 Hurtado, R.C., and L.C. Todd Biometrics, Body-Size, and Bison Herd Structure: Analysis of the Kaplan-Hoover Site Humeri. 57th Plains Conference, Sioux Falls, SD.
89. 1999 Klein, A.L. and L.C. Todd. A Comparative Analysis of Electromagnetic Distance Measurement (EDM) and Global Positioning System (GPS) Devices for Proveniencing Archaeological Materials. 57th Plains Conference, Sioux Falls, SD.
90. 1999 Larson, S.A. , M.S. Finkelstein , and L.C. Todd . Cultural Remains of the Oglala Grasslands: A Comparative Study of Survey Methods and Artifact Densities. 57th Plains Conference, Sioux Falls, SD.
91. 1999 Lawson, J.J., J. Adams , and L.C. Todd . Cobble Beds in Dawes County, Nebraska: A Survey of Two Lithic Raw Material Sources. 57th Plains Conference, Sioux Falls, SD.
92. 1999 Rapson, D.J. , D. Stephens , and L.C. Todd . Research, Teaching, and Public Interpretation: Hudson-Meng and the Oglala National Grasslands 1997-1999. 57th Plains Conference, Sioux Falls, SD.
93. 1999 Wann, E.B. , and L.C. Todd. Late Archaic Butchery Patterns at the Kaplan-Hoover Site. 57th Plains Conference, Sioux Falls, SD.
94. 2000 Bohn, A., C. Nicholson, L. Todd . The Burrus Mammoth Site: Fluvial transportation of a cranium and tusks uncovered in Pleistocene river gravel. Presented at Joint Midwest Archaeological & Plains Anthropological Conference. St. Paul, Minnesota.
95. 2000 Burger, O., L. Todd, D. Stephens, P.C. Burnett, D. Rapson, and T. Stohlgren. Investigating the Effects of Large Herbivore Grazing on the Discovery, Management, and Interpretation of Cultural Materials. Presented at Joint Midwest Archaeological & Plains Anthropological Conference. St. Paul, Minnesota.
96. 2000 Burnett, P.C., L.C. Todd, and O. Burger. Modeling Lithic Raw Material Replacement Costs: A Polythetic Approach. Presented at Joint Midwest Archaeological & Plains Anthropological Conference. St. Paul, MN.
97. 2000 Nicholson, C., and L.C. Todd. Maxillary Dentition Analysis of Late Archaic Bison from the Kaplan-Hoover Site: Metrics, Ontogenetic Change, and Demographics Presented at Joint Midwest Archaeological & Plains Anthropological Conference. St. Paul, Minnesota.
98. 2000 Todd, L. O. Burger, T. Stohlgren, P.C. Burnett, D. Stephens, and D. Rapson. Implementing Nested-Sampling in Archaeological Survey. Presented at Joint Midwest Archaeological & Plains Anthropological Conference. St. Paul, Minnesota.
99. 2000 Todd, L.C. and D. Stephens. Integrated, Multi-Scale Archaeology on the Nebraska National Forest: Using the Power and Efficiency of GPS and GIS in Research and Management. Invited Presentation at the Federal Preservation Forum. Nov 28-Dec. 1, Denver, Colorado.
100. 2001 Todd, L.C., O. Burger, T.J. Stohlgren, P.C. Burnett, and D. Stephens. Just Scratching the Surface: Multi-scale Sampling Method for Archaeological Surveys. Presented at 66th Annual Meeting of the Society for American Archaeology, New Orleans.
101. 2001 Burger, O, L.C. Todd, T.J. Stohlgren, P.C. Burnett, and D.J. Rapson. Scale, Context, Sampling Design, and Archaeological Survey: Seeking Conceptual and Methodological Concordance. . Presented at 66th Annual Meeting of the Society for American Archaeology, New Orleans.
102. 2001 Hoppe, K.A., R. Amundson, and L.C. Todd. Patterns of Tooth Enamel Formation in Hypsodont Teeth: Implications for Isotopic Microsampling. Presented at 61st Annual Meeting, Society of Vertebrate Paleontology, Bozeman, MT.
103. 2001 Todd, L.C., R.L. Thomas, M.G. Hill, Mathew; and R. Byerly. Fresh, Filleted, or Frozen? Marrow Extraction and Long Bone Fracture Morphology. Paper at the 59th Plains Conference, Lincoln, NE.
104. 2001 Todd, L.C., O. Burger, P.C. Burnett, T. Stohlgren, and D. Stephens. Interdisciplinary Management Protocols: Large Herbivore Grazing and Artifact Movement. Paper presented at the 59th Plains Conference, Lincoln, NE.
105. 2001 Schoville, B.J. and L.C. Todd . Harvester Ants and the Archaeological Record: Formational Dynamics and Interpretative Potentials. Paper presented at the 59th Plains Conference, Lincoln, NE.
106. 2001 Hill, M.G., M. Hill, D. May, T. Myers, D. Rapson, F. Sellet, J. Theler, and L. Todd. 2001 Investigations at the Clary Ranch Site, Garden County (Ash Hollow), Nebraska. Paper presented at the 59th Plains Conference, Lincoln, NE.
107. 2001 Haines, J., and L.C. Todd. A Leg Up on Weathering Processes: A Preliminary Study of Microenvironmental Setting, Species, Skeletal Element Type, and Age at Death. Paper presented at the 59th Plains Conference, Lincoln, NE.
108. 2001 Edwards, K., O. Burger, A. Bohn, and L. Todd. Development of Methodological Approaches for Site Relocation In the Whitehead Creek Drainage of Sioux County, Nebraska. Paper at the 59th Plains Conference, Lincoln, NE.

PAPERS PREPARED FOR PROFESSIONAL MEETINGS (cont.):

109. 2001 Burger, O., L. Todd, T. Stohlgren, P.C. Burnett, and D.J. Rapson. A Nested-Sampling Design for Archaeological Survey. Paper presented at the 59th Plains Conference, Lincoln, NE.
110. 2002 Todd, L.C., and B. Schoville. Small-Scale Processes, Long-Term Archaeological Impacts: Harvester Ant Mounds. Paper presented at the 67th Society for American Archaeology Meetings, Denver, CO.
111. 2002 Glantz, M. R. Suleymanov, M. Dzhurakalov, L. Todd, O. Burger, and P. Hughes. Aman Kutan Revisited: Assessing Formational Histories in a Paleolithic Faunal Assemblage from Central Asia. Paper presented at the 67th Society for American Archaeology Meetings, Denver, CO.
112. 2002 Todd, L.C., P. Burnett, D. Rapson, and B. Schoville. The Upper Greybull Survey Project: Baseline data for Mitigating Recreational Impacts. 60th Plains Conference, Oklahoma City, OK.
113. 2002 Burnett, P., L. Todd, and D. Rapson. Cultural Chronology in the Upper Greybull River Watershed, Absaroka Mountains, Wyoming. 60th Plains Conference, Oklahoma City, OK.
114. 2002 Gensler, K., P. Burnett, and L. Todd. Bone Fragments in Canid Scat and their Archaeological Implications. 60th Plains Conference, Oklahoma City, OK.
115. 2002 Heiner, P., P. Burnett, and L. Todd. Archaeology along the Upper Whitehead Creek, Oglala National Grassland, Nebraska. 60th Plains Conference, Oklahoma City, OK.
116. 2002 Heiner, S. and L. Todd. An Experiment in Bison Hide Processing Utilizing Traditional Methods. 60th Plains Conference, Oklahoma City, OK.
117. 2002 Scherbarth, R., P. Burnett, and L. Todd. Excavation of a Late Holocene Hearth in a Sodtable on the White River Badlands. 60th Plains Conference, Oklahoma City, OK.
118. 2002 Schoville, B.J., M.G. Hill, and L.C. Todd. Geoarchaeological Implications of Variability in the Incidence of Chipped Stone in Harvester Ant Mounds at Three Paleoindian Localities. 60th Plains Conference, Oklahoma City, OK.
119. 2003 Todd, L. M. Glantz, and J. Kappelman. Palaeolithic Archaeology of Northwestern Ethiopia. Advances in
120. 2003 Todd, L., M. Glantz, J. Kappelman, and T. Rasmussen. An Archaeological Field School at Chilga. Advances in Ethiopian Paleolithic Archaeology Conference, Addis Ababa, Ethiopia.
121. 2003 Burger, O, L, Todd, and P, Burnett. The Behavior of Surface Artifacts: Toward a Taphonomy of Landscapes. 68th Society for American Archaeology meetings, Milwaukee, Wisconsin.
122. 2003 Burnett, P, L. Todd, and D, Rapson. Archaeology along the Upper Greybull River, Absaroka Mountains, Wyoming. . 68th Society for American Archaeology meetings, Milwaukee, Wisconsin.
123. 2003 Schoville, B, L. Todd, and M.G. Hill. Harvester Ant Mounds and Their Archaeological and Ecological Significance. 68th Society for American Archaeology meetings, Milwaukee, Wisconsin.
124. 2003 Todd, L.C., P. Burnett, and O. Burger. Landscape Taphonomy, Recreation Ecology, and Sustainable Development: GRIZ 2003. 61st Plains Conference, Fayetteville, Arkansas
125. 2003 Schoville, B, A, Hjernstad, T. Wellnitz, and L. Todd. [Benthic Macroinvertebrate Sampling: Integrating Stream Ecology, Nested Sampling Designs, and Bundled Research Strategies](#), 61st Plains Conference, Fayetteville, Arkansas
126. 2003 Todd, L, and P. Burnett. [Archaeological Catch and Release: Expanding Data Capture for Non-Collection Surveys](#), 61st Plains Conference, Fayetteville, Arkansas
127. 2003 Burnett, P., L. Todd, and K. Derr. [Changes in Montane Watershed Use Patterns Through the Holocene: A Spatial Chronology in the Central Absaroka Range, Wyoming](#), 61st Plains Conference, Fayetteville, Arkansas.
128. 2003 Reitze, W., L. Todd, and P. Burnett. [Morainal Archaeology: Alpine Landscapes, and Raw Material Procurement](#), 61st Plains Conference, Fayetteville, Arkansas.
129. 2003 Mueller, A. L. Todd, and W. Reitze. [The Gold Reef Mining District: A Non-Collection Survey of Historic Mining Activity in the Upper Greybull River Drainage](#), 61st Plains Conference, Fayetteville, Arkansas.
130. 2003 Derr, K., P. Burnett, and L. Todd. Thermal Landscapes: Surface Temperature, Topography and Site Placement on the Greybull Watershed. 61st Plains Conference, Fayetteville, Arkansas.
131. 2003 Rudolph, A., C, Hurst, L. Todd, and N. Matheson. Archaeological Impact Assessment: Recreation and Research along the Upper Greybull Drainage, Northwestern Wyoming, 61st Plains Conference, Fayetteville, Arkansas.
132. 2004 Kappelman, J., M Feseha, B. Jacobs, T. Rasmussen, and L. Todd. Paleotourism Development in the Chilga Region near Gondar. Paper prepared for the National Symposium in Eco- and Paleotourism in Ethiopia, particularly in the Afar Region. Afar, Ethiopia
133. 2004 Todd, L.C., O. Burger, P. Burnett, K. Derr, W. Reitze, B. Schoville, and A. Mueller. Landscape Taphonomy and Archaeological Ecology: Integrative Approaches for Linking Cultural, Biological, and Physical Systems Research. Presented at 2004 American Association for the Advancement of Science Annual Meeting. Seattle, Washington.
134. 2004 Derr, K., L. Todd, P. Burnett, and T. Lum. Archaeology and Thermal Landscapes: The Influence of Temperature on Prehistoric Site Placement. Presented at 2004 American Association for the Advancement of Science Annual Meeting. Seattle, Washington.

PAPERS PREPARED FOR PROFESSIONAL MEETINGS (cont.):

135. 2004 Burnett, P, L. Todd, and K. Derr. Cluster Analysis of and Archaeological Landscape. Presented at 2004 American Association for the Advancement of Science Annual Meeting. Seattle, Washington.
136. 2004 Todd, L., J. Kappelman and M. Glantz. Glimpses into the Paleolithic archaeology of Northwestern Ethiopia. Presented at 2004 Annual Meeting of the Paleoanthropology Society, Montreal Canada.
137. 2004 Bohn, A., P. Burnett, O. Burger and L. Todd. Building and Bridging Landscape Datasets: A Synthesis of Research on the Oglala National Grasslands, 1999-2002. Presented at 69th annual SAA meetings, Montreal, Québec Canada.
138. 2004 Burnett, P., L. Todd and K. Derr. Cluster Analysis of in Situ Dated Surface Assemblages: Linking Raw Material Use Patterns to a Chronology of Watershed Use in the Central Absaroka Range, Wyoming. Presented at 69th annual SAA meetings, Montreal, Québec Canada.
139. 2004 Derr, K., L. Todd and P. Burnett. Temperature and Trees: Utilizing Thermal Landscapes and Fire Ecology to Interpret the Archaeological Record in the Upper Greybull Watershed, NW Wyoming. Presented at 69th annual SAA meetings, Montreal, Québec Canada.
140. 2004 Burger, O., L. Todd and P. Burnett. A Compliment to Discovery: Evaluating the Properties of Surface Samples with Multi-Scale Methods. Presented at 69th annual SAA meetings, Montreal, Québec Canada.
141. 2004 Reitze, W. L. Todd and P. Burnett. Alpine Archaeology: High Altitude Landscape Use, and Raw Material Procurement. Presented at 69th annual SAA meetings, Montreal, Québec Canada
142. 2004 Bates, C., L.C. Todd, P.C. Burnett, A.D. Bohn and J. Johnston [Fire Cracked Rock Appearance Replication](#). 62nd Plains Anthropological Conference, Billings, Montana.
143. 2004 Bohn, Allison D, L. Todd and P. Burnett. [Variability of Archaeological Volcanic Glass Distribution from the Central Absaroka Range, Wyoming](#). 62nd Plains Anthropological Conference, Billings, Montana.
144. 2004 Hjermstad, Alisa, L. C. Todd, and P.C. Burnett. [An Analysis of Plant Species and Usages in the Absaroka Mountains: Park County](#), Wyoming. 62nd Plains Anthropological Conference, Billings, Montana
145. 2004 Kinneer, Christopher C., P. Burnett and L.C. Todd. ["I'm pretty sure that thing I just tripped over ain't natural." Hunting Structures in the Absaroka Mountains of Northwestern Wyoming](#). 62nd Plains Anthropological Conference, Billings, Montana.
146. 2004 Ollie, Naomi, L. Todd, A.D. Bohn and P. Burnett. [Prehistoric Lithic Material Distribution along the Upper Greybull River: An Inter-Basin Comparison, Park County, Wyoming](#). 62nd Plains Conference, Billings,.
147. 2004 Romero, Bruno, P. Burnett and L. Todd. Basin and Range Settlement and Subsistence Strategies in Northwestern Wyoming. 62nd Plains Anthropological Conference, Billings, Montana.
148. 2004 Todd, Lawrence, P. Burnett and A.D. Bohn. [Greybull River Sustainable Landscape Ecology \(GRSLE\) 2004: Archaeological Panarchy in Northwestern Wyoming](#). 62nd Plains Anthropological Conference, Billings, Montana.
149. 2004 Todd, L.C., P. Burnett, A. Bohn and O. Burger. [Recreation Ecology, Heritage Resource Management, and Environmental Monitoring: The GRSLE Project, Northwestern Wyoming](#). 62nd Plains Anthropological Conference, Billings, Montana.
150. 2004 Todd, L.C and A. Mueller. [Mining the Margins: Archaeology of Remote, High Elevation Mineral Extraction Endeavors in the Absaroka Mountains, Wyoming](#). 62nd Plains Anthropological Conference, Billings, Montana.
151. 2005 Kappelman, J., L. Todd, M Feseha, B. Jacobs, and T.D. Rasmussen. Heritage Management in Northwestern Ethiopia. Annual Meeting, Society for Applied Anthropology, Santa Fe, NM.
152. 2005 Ollie, NA, J. Bechberger, M. Reiser, and L. Todd. [A Geological Narrative in Apline Archaeology: The Human Record as Part of the Context for Landscape Change](#). 117th Geological Society of American Annual Meeting, Salt Lake City, UT.
153. 2005 Bechberger, J., M Reiser, L. Todd, and B. Roth. [Archaeology in the 21st Century: A Mobile, Web-based Unit for In-field Site Documentation](#). Presented at 63rd Plains Anthropological Conference, Edmonton.
154. 2005 Bechberger, J. L. Todd, A. Bohn, M. Reiser, N. Ollie, and C. Hurst. [Indications of Ephemeral Paleoindian Occupation in the Upper Greybull Watershed](#). 63rd Plains Conference, Edmonton, Alberta.
155. 2005 Bohn, A. and L. Todd. [Through the Volcanic Glass: Obsidian Artifacts as Proxy for Investigating Land Use Dynamics in the Upper Greybull River Drainage](#). 63rd Plains Conference, Edmonton, Alberta.
156. 2005 Hurst, C, P. Barry, C. Kinneer, and L. Todd. SwitchBack: [A Geographic Information Systems \(GIS\) Model for Past Human Movement Across a Northwestern Wyoming Landscape](#). Presented at 63rd Plains Anthropological Conference, Edmonton, Alberta.
157. 2005 Hutchinson, S and L. Todd. [The Ecological Impacts of Archaeological Field Research on the Central Absaroka Mountain Range, WY](#). Presented at 63rd Plains Anthropological Conference, Edmonton,
158. 2005 Kinneer, C., J.D. Kennedy, and L. Todd. [Counting Rocks!: Generating a Baseline for Human Energy Investment in the Construction of High Altitude Stone Structures](#). Presented at 63rd Plains Anthropological Conference, Edmonton, Alberta.
159. 2005 Miller, Z, S. Hutchinson, and L. Todd. [Historic Seasonal Pastoralist Occupation in the Absarokas of Wyoming: A Study of Jack Creek Cow Camp](#). Presented at 63rd Plains Anthropological Conference, Edmonton, Alberta.

PAPERS PREPARED FOR PROFESSIONAL MEETINGS (cont.):

160. 2005 Ollie, N, L. Todd, M. Reiser, and J. Bechberger. Wasting Away on the Sunny Side of the Mountain: Depositional Dynamics and Archaeological Exposure. Presented at 63rd Plains Anthropological Conference, Edmonton, Alberta.
161. 2005 Parks, E, M. Reiser, and L. Todd. [A Growing Picture: The “Ghost Forests” of Jack Creek Wyoming.](#) . Presented at 63rd Plains Anthropological Conference, Edmonton, Alberta.
162. 2005 Reiser, M, L. Todd, J. Bechberger, and E. Parks. [In the Shadow of Ghost Trees: Applying Forest Ecology to Archaeological Interpretations.](#) Presented at 63rd Plains Anthropological Conference, Edmonton.
163. 2005 Todd, L. and A. Bohn. [Experiential Learning, Local Stewardship, and Archaeological Investigations along the Upper Greybull River Drainage, Northwestern Wyoming.](#) Presented at 63rd Plains Anthropological Conference, Edmonton, Alberta.
164. 2006 Todd, L, A. Bohn, J. Bechberger, C. Burke, C. Hurst, C. Kinneer, N. Ollie, M. Reiser, and P. Burnett. [Peopling the Wilderness. Bridging the Social and Natural Science Divide.](#) Presented at American Association for Advancement of Science Annual Meeting, St. Louis, MO.
165. 2006 Burke, C., S. Teeter, Z. Kosti, and L. Todd. [Missing the Point: Monitoring Disturbance of a Lithic Landscape in the Greater Yellowstone Ecosystem.](#) Presented at American Association for Advancement of Science Annual Meeting, St. Louis, MO.
166. 2006 Ollie, N., A. Hjernstad, and L. Todd. [Montane Mass Wasting Events and Archaeological Associations.](#) Presented at Presented at 118th Geological Society of American Annual Meeting, Philadelphia, PA.
167. 2006 Bechberger, J. and L.C. Todd. [Archaeological Site Taphonomy: The Interplay of Biologic Activity and Geomorphic Processes.](#) Presented at 64th Plains Anthropological Conference, Topeka, KS.
168. 2006 Gingerich, E.; J. Bechberger, and L.C. Todd. [Sediments in a Slump: Depositional Dynamics in and Around Alpine Sag Ponds.](#) Presented at 64th Plains Anthropological Conference, Topeka, KS.
169. 2006 Martinez, D. and L.C. Todd. Tunnels in Time: Analysis of Lithics and Charcoal through Auger Probes. . Presented at 64th Plains Anthropological Conference, Topeka, KS.
170. 2006 McElhoe, R. and L.C. Todd. [Scratching the Surface of Prehistory in Northwestern Wyoming: An Analysis of the Dynamics of Site Formation and Alteration in an Alpine Setting.](#) Presented at 64th Plains Anthropological Conference, Topeka, KS
171. 2006 Rasmussen, J. and L.C. Todd. Raising the Red Flag: The Use of Systematic and Non-systematic Survey in the Archaeological Site Discovery. Presented at 64th Plains Conference, Topeka, KS
172. 2006 Svatos, S.E and L.C. Todd. [Assessing Alpine Artifact Abundance and Depositional History of the Greater Yellowstone Ecosystem, Wyoming.](#) 64th Plains Anthropological Conference, Topeka, KS
173. 2006 Todd, L.C. [Burning Issues: Archaeological Monitoring and Site Disturbance Processes.](#) Presented at 64th Plains Anthropological Conference, Topeka, KS
174. 2007 Todd, L.C. and J. Bechberger. [Multi-Scale Archaeological Monitoring: Stressors, Indicators and Triggers.](#) Presented at American Association for Advancement of Science Annual Meeting, San Francisco, CA. .
175. 2007 Bechberger, Jillian and L.Todd. [Coupling Biological Activity and Geomorphic Processes in Archaeological Site Formation.](#) Presented at Society for American Archaeology 72nd Annual Meeting, Austin, TX.
176. 2007 Reiser, Marcy and L. Todd. Reading the Trees: Dendrochronology in Northwestern Wyoming. Presented at Society for American Archaeology 72nd Annual Meeting, Austin, TX.
177. 2007 Otarola-Castillo, Erik, Matthew R Falcý., Chrissina C. Burke, Matthew G. Hill , David J. Rapson, and Lawrence C. Todd. Spatial Analysis Using Local Spatial Autocorrelation: Defining Probability-Based Neighborhoods for Point Data. Paper presented at 65th Plains Conference, Rapid City South Dakota.
178. 2007 Todd, L.C. Backcounty Archaeology at the Margins of the GYE: Upper Greybull River 2002-2007. Paper presented at 8th Biennial Rocky Mountain Anthropological Conference, Jackson, Wyoming.
179. 2008 Jillian Bechberger and Lawrence Todd. [Making Mountains out of Molehills:Taphonomic Processes in High Elevation Environments.](#) 73rd Annual Meeting of Society for American Archaeology, Vancouver , Canada.
180. 2008 Todd, Lawrence (2008). Scale, Boundaries, and Bridges: Human Dimensions in Paleoecology. Invited presentation in symposium “Human Macroecology: Emergent Patterns and Processes in Large-Scale Human Ecology” at the 83rd Annual meeting of the SWARM Division of the AAAS. Albuquerque, NM
181. 2008 Kappelman, J., M.C. Alçiçek, N. Kazanc, M. I Schultz, L. Todd, and M. Özkul. Migrations and adaptations of early *Homo* in western Turkey. Donald D . Harrington Paper presented at *Symposium on the Geology of the Aegean.*, Jackson School of Geoscience, University of Texas, Austin, TX.
182. 2008 Todd, L.C. [Back to the Mountain: Longitudinal Research and Archaeological Research Programs.](#) Paper presented at the 66th Plains Anthropological Conference, Laramie, WY.
183. 2008 Todd, L.C., R.L. Thomas, S. East, S. Ficarrota, and K.Waechter. [In the Shadow of the Coyote Penis: High Elevation Archaeology in Northwest Wyoming.](#) Presented at the 66th Plains Anthropological Conference, Laramie, WY.
184. 2009 Burnett, P. and L.C. Todd. [Using an Archaeological Predictive Model to Design Sample Surveys Following Forest Fires.](#) Paper presented at 9th Biennial Rocky Mountain Anthropological Conference, Gunnison, CO.

PAPERS PREPARED FOR PROFESSIONAL MEETINGS (cont.):

185. 2009 Thompson, A.K. Todd, L.C., Lambert J.M. In-Field Faunal Analysis: Assemblage Properties and Site Specific Activities Revealed by the Little Venus Fire. Presented at 67th Plains Anthropological Conference, Norman, OK.
186. 2010 Burnett, P. and L.C. Todd. The Future of Archaeological Resources in Wildland Fire Management of the Greater Yellowstone Area. 10th Biennial Science Conference on the Greater Yellowstone Ecosystem. Mammoth, Yellowstone National Park.
187. 2010 Kappelman, J., L. Todd, J. Feathers, M. Feseha, B. Jacobs, M. Kay, C. Klehm, G. Kocurek, N. Loewen, B. Nachman, N. Tabor, A. Skinner, A. Thompson. Blue highways: MSA foraging behaviors along the Blue Nile tributaries in NW Ethiopia. Texas Association of Biological Anthropologists, Meeting. Waco, TX.
188. 2011 Loewen, N, A. Skinner, J. Kappelman, L. Todd and N. Tabor. Blue Highways: Dating Shinka River sites, Ethiopia, with ESR. Society for American Archaeology 76th Annual Meetings, Sacramento, CA.
189. 2011 Kappelman, J., L. Todd, J. Feathers, M. Fescha, B. Jacobs, M. Kay and C. Klehm. Blue highways: MSA foraging behaviors along the Blue Nile tributaries in NW Ethiopia. Paleoanthropology Society, Annual Meeting, Minneapolis, MN.
190. 2011 Todd, L. J. Kappelman, J. Feathers, M. Feseha, B. Jacobs, M. Kay, C. Kelm, G. Kocurek, N. Loewen, B. Nachman, N.Tabor, A. Skinner, and A.Thompson. Seasonal Variation in Resource Abundance and Anatomically Modern Human Adaptations: The Blue Highways Project, NW Ethiopia. Session 107, *Human-Climatic-Ecosystem Interactions: The African Quaternary*, XVIII INQUA Congress, Bern, Switzerland.
191. 2011 Todd, L.C. [What if site information potential was not binary?: A research question driven, analytically based approach to the NRHP eligibility assessment.](#) Presented at 69th Plains Conference, Tucson, AZ.
192. 2012 Kay, M., L. Todd, J. Kappelman, M. Fescha, N. Loewen, A. Skinner and N. Tabor. Middle Stone Age land use and technology along the Shinka River in NW Ethiopia. Paleoanthropology Society, Memphis, TN.
193. 2012 Todd, L.C. and L. Scheiber. Emerging Landscapes: Documenting the Post-Fire Archaeological Record. Presented at 70th Plains Conference, Saskatoon, Saskatchewan, Canada.
194. 2013 Burnett, P.C. and L.C. Todd. Wildland Fire Management and the Uncontrolled Destruction of Archaeological Resources. Society for Applied Anthropology, March 23, Denver, CO.
195. 2013 Todd, L.C. J. Kappelman, M. Kay, B. Nachman, N. Rosenau, and N. Tabor. Middle Stone Age Site Use along the Shinka River in NW Ethiopia. Paleoanthropology Society, April 2, Honolulu, Hawaii.
196. 2013 Kappelman, J. M. Kay, L. Todd, and A.Thompson. Back to the Future: William Henry Holmes and the MSA in the Horn of Africa. Society for American Archaeology, April 4, Honolulu, Hawaii.
197. 2013 Todd, L. A Record of Overwhelming Complexity: High Elevation in Northwestern Wyoming. 11th Biennial Rocky Mountain Anthropological Conference. Taos, NM.
198. 2013 Todd, L.C., P.C. Burnett, and K. Wright. Another Hardluck Story: Post-Fire Montane Archaeology in NW Wyoming. 71st Plains Anthropological Conference, Loveland, Colorado.
199. 2013 Forney, M., L.C. Todd, and K. Simcox. Multi-scalar Chipped Stone Analysis in the Shoshone National Forest, NW Wyoming: Feature, Site, Drainage, Region. 71st Plains Anthro. Conference, Loveland, CO.
200. 2013 Scheiber, L., A. Burt, S. Haskell, I. Moskvina, J.R. Kennedy, and L.C. Todd. Post-Fire Inventories and Hunter-Gatherer Use Intensity as Exemplified at the Caldwell Creek Site (48FR7091), Fremont County, Wyoming. 71st Plains Anthropological Conference, Loveland, Colorado.
201. 2013 Scheiber, L., L. Simmons, E. Wells, and L.C. Todd. New Evidence for Intermountain Ware Ceramics in High Altitude Wilderness Areas of Northwestern Wyoming. 71st Plains Anthropological Conference, Loveland, Colorado.
202. 2014 Todd, L.C. [Archaeology in a Smoldering Landscape: High elevation, post-fire Research in the Greater Yellowstone Ecosystem, Wyoming.](#) Society for American Archaeology, April 24, Austin, Texas.
203. 2014 Kay, M., Y. Sahle, J. Kappelman and L. Todd—Ethiopian MSA production chains early and late: Gademotta, Aduma, and Shinka. Society for American Archaeology, April 24, Austin, Texas.
204. 2014 Kappelman, J., L. Todd, J. Feathers, A. Skinner and H. Wang—Ages of late Middle Stone Age sites at Shinka in the Horn of Africa. Society for American Archaeology, April 25, Austin, Texas.
205. 2014 Reiser, M. and L.Todd—When Trees Won't Talk: Authenticating Potential Modified Trees with an Unknown Past. Society for American Archaeology, April 26, Austin, Texas.
206. 2014 Amanda Burt, Laura Scheiber, Lawrence Todd, Ryan Kennedy and Haskell Samuel—Post-Fire Inventories and Hunter-Gatherer Use Intensity as Exemplified at the Caldwell Creek Site (48FR7091), Fremont County, Wyoming. Society for American Archaeology, April 26, Austin, Texas.
207. 2014 Todd, L., K. Wright, P. Burnett, K. Houston, M. Reiser, and L. Scheiber. Linking Basic and Applied Research, Multi-Resource Management, Public Education, and Enforcement: Post-Fire Archaeology on the Shoshone National Forest, Wyoming. Presented at, 12th Biennial Science Conference on the Greater Yellowstone Ecosystem, Mammoth.
207. 2014 Burnett, P., L. Todd, K. Wright, K. Houston, and L. Scheiber. [Hardluck Archaeology: BAER, Probability Models, and Post-Fire Inventory Methods on the Shoshone National Forest, Wyoming.](#) Presented at, 12th Biennial Science Conference on the Greater Yellowstone Ecosystem, Mammoth.

PAPERS PREPARED FOR PROFESSIONAL MEETINGS (cont.):

208. 2014 Todd, L.C., K. Wright, and L. Scheiber. [Hardluck Archaeology: Post-Fire Inventory in Northwestern Wyoming](#). 72nd Plains Anthropological Conference, Fayetteville, Arkansas.
209. 2014 Todd, L.C. Paleoindians, Dogs' Tails, and Models in Plains Archaeology. 72nd Plains Anthropological Conference, Fayetteville, Arkansas.
210. 2014 Milton, E. and L. Todd. Spatial Analysis of Depositional Slope processes on Post Forest Fire Surface Assemblages. 72nd Plains Anthropological Conference, Fayetteville, Arkansas.
211. 2015 Nachman, B.A., N.J. Tabor, J. Kappelman, and L.C. Todd. Seasonality and Modern Human Foraging Behaviors in the MSA of Northwest Ethiopia. 84th Annual Meeting, American Association of Physical Anthropologists, St. Louis.
212. 2015 Hill, M.G., J. Kappelman, L. Todd, F. Huffman, and J. de Vos. [Taphonomic History of the Homo erectus site at Trinil, Java](#). Paleoanthropology Society, Annual Meeting, San Francisco.
213. 2015 Forney, M.J., J.W. Fisher, and L.C. Todd. A Multi-Scalar Chipped Stone Analysis in the Northern Rocky Mountains: Comparing the Bridger Mountains, Montana to the Absaroka Mountains, Wyoming. Society for American Archaeology, 80th Annual Meeting, San Francisco.
214. 2015 Todd, L.C., E. Brush, and K. Wright. [Forty Days in the Wilderness: 2015 Park County Historic Preservation Commission Archaeological Inventory and Assessment on the Shoshone National Forest, Wyoming](#). Presented at the 73rd Plains Anthropological Conference, Iowa City.
215. 2015 Burnett, P., L. Todd, and K. Wright. [Evolution of the Shoshone National Forest Prehistoric Site Probability Model](#). Presented at the 73rd Plains Anthropological Conference, Iowa City.
216. 2015 Milton, E., L. Todd, and K. Wright. Spatial Reconnaissance: A Reevaluation of Preferential Lithic Slope Sorting on Post Forest Fire Surfaces. Presented at the 73rd Plains Anthropological Conference, Iowa City.
217. 2015 Wilson, K. and L. Todd. Exploitation of Medium-sized Artiodactyls at a Late Prehistoric Site, Washakie Wilderness, Northwestern Wyoming. Presented at the 73rd Plains Anthropological Conference, Iowa City.
218. 2016 Todd, L.C. and K. Wright. A CLG in the Wilderness: Cooperative Local Preservation in the Greater Yellowstone Ecosystem. Presented at the 81st Annual Meeting, Society for American Archaeology, Orlando.
219. 2016 Kappelman, J. L. Todd, N. Tabor, M. Feseha, and M. Kay. The Tip of the Horn: Extractive Foraging Strategies and Stone Tool Technologies in Northwestern Ethiopia During the Middle Stone Age. Presented at the 81st Annual Meeting, Society for American Archaeology, Orlando, Florida.
220. 2016 Todd, L., J. Kappelman, N. Tabor, M. Kay, and M. Feseha. Middle Stone Age in the Horn of Africa: Research along Tributaries of the Blue Nile, Northwest Ethiopia. Presented at the 21st Suyunggae and Her Neighbors International Symposium, 26 July-3 August, Laramie, Wyoming.
221. 2016 Todd, L.C. Social Dimensions at the Millennial Scale: Landscape Archaeology in the Greater Yellowstone Ecosystem. Presented at 13th Biennial Scientific Conference on the Greater Yellowstone Ecosystem, Oct. 4-6. Grand Teton National Park, Wyoming.
222. 2016 Todd, L.C., E. Brush, R. Reckin, and W. Dooley. [Migration Corridors, Ice Patches, and High Elevation Landscapes](#). Presented at 74th Plains Anthropological Conference, Lincoln, NE.
223. 2016 Todd, L. K. Wright, and R. Ostrom. [Archaeology of the Forest Reserve Act \(1891\): Scribed Trees on the Shoshone National Forest, Wyoming](#). Presented at 74th Plains Anthropological Conference, Lincoln, NE.
224. 2016 Brush, E., L. Todd, and R. Reckin. High Elevation Occupations in the Absaroka Mountains. Presented at 74th Plains Anthropological Conference, Lincoln, NE.
225. 2016 Dalmas, D. and L. Todd. [Quantifying Ice Patch Variability Using GIS Functionality](#). Presented at 74th Plains Anthropological Conference, Lincoln, NE.
226. 2016 Porter, K. and L. Todd. [Comparison of Raw Materials Throughout High Elevation Sites in the Absaroka Mountains, NW Wyoming](#). Presented at 74th Plains Anthropological Conference, Lincoln, NE
227. 2016 Reckin, R., R. Kelly, and L. Todd. Two Ice Patch Bows and an Archaeological Landscape in the Absaroka Mountains of Wyoming. Frozen Pasts: 4th International Glacial Archaeology Symposium, Innsbruck.
228. 2017 Davis, Christopher A., John Kappelman, Lawrence Todd. [Foraging along blue highways: preliminary faunal and taphonomic investigations at SM-1, a late Middle Stone Age site in the Blue Nile Basin of Ethiopia](#). Presented at Paleoanthropology Society Annual Meeting, Vancouver, Canada.
229. 2017 Hill, Matthew, John Kappelman, Lawrence Todd, Fantahun Zelelew. Breakage patterns of long bone articular ends, Hadar, Ethiopia: Implications for assessing cause of death of A.L. 288-1 ('Lucy'). Presented at Paleoanthropology Society Annual Meeting, Vancouver, Canada.
230. 2017 Mattox, Janet M., Christopher A. Davis, Brett Nachman, Daniel L. Petersen, Wiley Akins, Mulugeta Feseha, Matthew Hill, Richard A. Ketcham, Lawrence Todd, Adrienne P. Witzel, Fantahun Zelelew, John Kappelman. 3D fracture patterns in the lumbar vertebra and tibia of A.L. 288-1 ('Lucy') are consistent with perimortem trauma. Presented at Paleoanthropology Society Annual Meeting, Vancouver, Canada.
231. 2017 Nasrollahi, Serrina, Chris Florian, Gifford H. Miller, John Kappelman, Lawrence Todd. Amino acid racemization (AAR) dating of ostrich eggshell (OES): experimental testing of the effect of natural campfire burning on OES values. Presented at Paleoanthropology Society Annual Meeting, Vancouver, Canada.

PAPERS PREPARED FOR PROFESSIONAL MEETINGS (cont.):

232. 2017 Valdes, Jessica, Staci L. Loewy, Jay L. Banner, John Kappelman, Lawrence Todd. U-Th dating of ostrich eggshell: understanding the relationship between eggshell microstructure and diffusion and implications for sample preparation. Presented at Paleoanthropology Society Annual Meeting, Vancouver, Canada.
233. 2017 Wyman, Lani, Neil Tabor, John Kappelman, Lawrence Todd. Ancient Middle Stone Age climates at SM-1 in NW Ethiopia as revealed by stable isotopic sclerochronology. Presented at Paleoanthropology Society Annual Meeting, Vancouver, Canada.
234. 2017 Todd, Lawrence, Rachel Reckin, Emily Brush, Robert Kelly and William Dooley. [An Alpine Archaeological Landscape in the Greater Yellowstone Ecosystem, Wyoming](#). Presented at 82nd Annual Meeting, Society for American Archaeology, Vancouver, Canada.
235. 2017 Brush, Emily, Lawrence Todd and Rachel Reckin—Analysis of an Obsidian Source from the Cougar Pass Region of the Absaroka Mountain Range. Presented at 82nd Annual Meeting, Society for American Archaeology, Vancouver, Canada.
236. 2017 Smith, J. Gregory, Lawrence Todd and Brian Liesinger—Community Archaeology at the Heart Mountain Relocation Camp, Park County, Wyoming. Presented at 82nd Annual Meeting, Society for American Archaeology, Vancouver, Canada.
237. 2017 Kappelman, John, Richard A. Ketcham, Stephen Pearce, Lawrence Todd, Wiley Akins, Mulageta Feseha, Sissi J. Mattox, and Adrienne Witzel. Lucy's knee: Evidence of High-Energy Dislocative Compressive Epiphyseal Fracture. 86th Annual Meeting, American Association of Physical Anthropology, New Orleans.
238. 2017 Todd, Lawrence, Rachel Reckin, and Robert Kelly. Ice Patch Archaeology in a Landscape Context: Chipped Stone, Snow, and Ice in the Southern Absarokas, NW. Wyoming. Rocky Mountain Anthropological Conference, Canmore, Alberta, Canada.
239. 2017 Loewy, Staci, Jessica Valdes, Sierra Yanny, Karla De La Cruz, J. Banner, John Kappelman, and Lawrence Todd. More Accurate U-TH Ages of Ostrich Eggshells (OES) with Improved Sample Processing. Geological Society of America Annual Meeting, Seattle.
237. 2018 Todd, L.C. and K. Wright. [Structured Wilderness: Managing 19th and Early 20th Century Heritage Resources, Shoshone National Forest, Wyoming](#). 83rd Meeting, Society for American Archaeology. Washington, D.C.
238. 2018 Wright, K. and L.C. Todd. [Bounding Uncertainty and Ignorance: Archaeology and Human Paleoeecology in Washakie Wilderness, Shoshone National Forest, Wyoming](#). 83rd Annual Meeting, Society for American Archaeology. Washington, D.C.
239. 2018 Davis, C., J. Kappelman, and L. Todd. [Taphonomy and Early Human Forging Behavior at SM1, a Late Middle Stone Age Site in Northwestern Ethiopia](#). Paleoanthropology Society, Austin TX.
240. 2018 Nachman, B., C. Davis, W. Akins, M. Feseha, R. Ketcham, C. Ruff, L. Todd, A. Witzel, and J. Kappelman. [A new reconstruction of the forearm of A.L. 288-1 \("Lucy"\) and functional interpretations](#). Paleoanthropology Society, Austin TX.
241. 2018 Porter, K., S. Mattox, L. Todd, and J. Kappelman. A Single-Event Middle Stone Age Occupation in the Lowlands of Northwestern Ethiopia. Paleoanthropology Society, Austin TX.
242. 2018 Mattox, S.J., C.A. Davis, B. Nachman, D.L. Peterson, W. Akins, M. Fesha, M. Hill, J. Kappelman, R.A. Ketcham, L. Todd, and A. Witzel. [3D Fracture Patterns in the Lumbar Vertebra and Tibia of A.L. 288-1 \("Lucy"\) are Consistent with Perimortem Trauma](#). Paleoanthropology Society, Austin TX.
243. 2018 Lee, Craig, H. LaPoint, S. Doyle, L. Todd, B. Horton, and B. Skudlarek. Cross-cultural and transdisciplinary research opportunities through Greater Yellowstone ice patches with screening of a 2018 short film. 14th Biennial Scientific Conference of the GYE, Big Sky, Montana.
244. 2018 McWethy, D., C. Lee, G.T. Pederson, J. McConnell, L. Todd, S. Doyle, N. Chellman, and D. Stahle. Reconstructing Ancient Human and Ecosystem Responses to Holocene Climate Conditions in the Northern Rocky Mountains. Presented at *2018 Mountain Climate Conference (MtnClim)*, 17-21 Sep 2018, Rocky Mountain Biological Laboratory, Gothic, CO.
245. 2018 Todd, L.C., K. Crume, K. Wright, J. Fernandez, and G. Bevenger. [Engaging the next generation and promoting local stewardship: partnerships in archaeology](#). Presented at 76th Plains Anthropological Conference 24-27 Oct., San Antonio, TX.
246. 2018 Todd, L.C., K. Wright, J. Kappelman, and J. Hofman. [Enigmatic wooden structures, Shoshone National Forest, NW Wyoming](#). Presented at 76th Plains Anthropological Conference 24-27 Oct., San Antonio, TX.
247. 2018 Buxton, J., L. Todd, D. Dalmas, and W. Dooley. [Late Archaic Landscapes: Greater Yellowstone Ecosystem, Absaroka Range, Northwest Wyoming](#). Presented at 76th Plains Anthropological Conference 24-27 Oct., San Antonio, TX.
248. 2018 Rina, A., D. Dalmas, K. Breitenstein, B. Perkins, and L. Todd. [Obsidian Source Filtering: Assessing multiple XRF protocols for geochemical analysis of NW Wyoming collections](#). Presented at 76th Plains Anthropological Conference 24-27 Oct., San Antonio, TX.
249. 2018 Crable, B.M., J. Hofman, L.C. Todd, and D. Dalmas. Stoneworking at Anderson Lodge, Washakie Wilderness, Wyoming. Presented at 76th Plains Anthropological Conference 24-27 Oct., San Antonio, TX.

PAPERS PREPARED FOR PROFESSIONAL MEETINGS (cont.):

250. 2019 Hofman, J. and L. Todd. Paleoindian Activity in the Washakie Wilderness, Absaroka Range, Wyoming. Presented at 84th Annual Meeting Society for American Archaeology, Albuquerque, New Mexico.
251. 2019 Reckin, R. and L. Todd. Illuminating High Elevation Seasonal Occupation Duration in the Greater Yellowstone Ecosystem: Using Patterning in Lithic Raw Materials and Tool Types. Presented at 84th Annual Meeting Society for American Archaeology, Albuquerque, New Mexico.
252. 2019 Schiery, B., P. Burnett, L. Todd, and E. Otarola-Castillo. Comparing the Performance of Machine Learning and Traditional Approaches to Archaeological Site Modeling and Prediction. Presented at 84th Annual Meeting Society for American Archaeology, Albuquerque, New Mexico.
253. 2019 Todd, L. and R. Reckin. [Archaic Period Obsidian Use in the Greater Yellowstone Ecosystem: The 48PA551 Assemblage in Regional Context](#). Presented at 84th Annual Meeting Society for American Archaeology, Albuquerque, New Mexico.
254. 2019 Plummer, M., B. Nachman, S. Melton, M. Fanuka, J. Crowell, N. Tabor, L. Todd, J. Kappelman. Reconstructing Middle Stone Age paleoclimates in the lowlands of NW Ethiopia from isotopic indicators in ancient enamel. Presented at Paleoanthropology Society Annual Meeting, Albuquerque, NM.
255. 2019 Davis, C., J. Kappelman, L. Todd. Seasonality and subsistence strategies at SM1, a late Middle Stone Age Site in the lowlands of northwestern Ethiopia. Presented at Paleoanthropology Society Annual Meeting, Albuquerque, NM.
254. 2019 Todd, L. When Wilderness and Culture Collide: Documenting Prehistoric Archaeology in the Washakie Wilderness, Shoshone National Forest, Wyoming. Rocky Mountain Anthropological Conference, Logan, UT.
255. 2019 Todd, L. Dalmas, D. Hofman, J. Rapes, J. Neff, M., Channell, R., and W. Dooley. [A high elevation game drive Complex, Washakie Wilderness, Shoshone National Forest, Wyoming](#). Rocky Mountain Anthropological Conference, Logan, UT.
256. 2019 Neff, M., R. Channell, and L. Todd. [Archaeological Post-Fire Assessment, Documentation, and Monitoring](#). Rocky Mountain Anthropological Conference, Logan, UT.
257. 2019 Hofman, J., J. Rapes, L. Todd, W. Dooley, D. Dalmas, and B. Crable. Utilization of Silicified Sediment as Tool Stone in Northwest Wyoming: Sources, Chronology, and Patterns of Use in the Absaroka Mountains. Rocky Mountain Anthropological Conference, Logan, UT.

SYMPOSIA/FORUM ORGANIZED FOR PROFESSIONAL MEETINGS:

1. 1980 SYMPOSIUM: Explanations in History: Plains Historical Archaeology. With M. Kornfeld. 45th Annual Meeting of the Society for American Archaeology, Philadelphia, Pennsylvania.
2. 1983 SYMPOSIUM: McKean-Middle Plains Archaic: Current Perspectives. With M. Kornfeld. 41st Plains Conference, Rapid City, SD.
3. 1988 SYMPOSIUM: The Goshen Cultural Complex and High Plains Paleoindian Studies. With G.C. Frison. 53rd Annual Meeting of the Society for American Archaeology, Phoenix, Arizona.
4. 1995 SYMPOSIUM: Recent Advances in Taphonomic Research. With D. Rapson. 53rd Plains, Laramie, WY.
5. 1999 SYMPOSIUM: Kaplan-Hoover: A Late Archaic Arroyo Trap in Northern Colorado. 57th Plains Conference, Sioux Falls, SD.
6. 1999 SYMPOSIUM: Integrated, Multi-scale Archaeology and Public Interpretation Oglala National Grasslands, Northwestern Nebraska. With D. Stephens and D.J. Rapson. 57th Plains Conference, Sioux Falls, SD.
7. 2003 SYMPOSIUM: The Greybull River Impact Zone (GRIZ) 2003: Multi-scalar Assessment of Human/Landscape Interactions in Northwestern Wyoming. 61st Plains Conference, Fayetteville, Arkansas
8. 2008 FORUM: Field Schools: Funding and Futures. With B. Pitblado. 73rd SAA , Vancouver, Canada.

ARCHAEOLOGICAL FIELD WORK (Research):**AFRICA**Ethiopia

- 2016-2019 [Middle Stone Age NSF Research Experience for Undergraduates](#), J. Kappelman, PI
- 2010-2013 Blue Highways MSA Research (Shinfa, Ethiopia). J Kappelman, PI
- 2009 NW Ethiopian Paleoecology, J. Kappelman, B. Jacobs, and L. Todd; Fieldwork
- 2007 NW Ethiopian Paleoecology, J. Kappelman, B. Jacobs, and L. Todd; Fieldwork and teaching
- 2004 Blue Nile Project (Gondar Region). J. Kappelman, PI. Laboratory research in Addis Ababa.
- 2002-2003 Blue Nile Project (Gondar Region). J. Kappelman, PI. Fieldwork in Chilga and Shinfa areas.

R.S.A., Kwazulu

- 1987 Border Cave - MSA to Iron Age occupations. Co-principal investigator with P.B. Beaumont.

SW ASIATurkey

- 2006 Survey for hominin-bearing sediments in western Turkey. J. Kappelman, PI.

EUROPEFrance

- 1998 Solutre Upper Paleolithic kill/processing site. A. Montet-White & J.L. Hofman directors
 1979 Abri Vaufray (Grotte 15) - Middle Paleolithic cave site, J.P. Rigaud director. Crew member.
 1979 Flageolet I - Upper Paleolithic rockshelter. J.P. Rigaud director. Crew member.

NORTH AMERICAU.S.A., Colorado

- 2002 Fossil Creek Mammoth Site; PI
 1998-2003 Kaplan-Hoover Bison Kill — late Archaic Bison bonebed; PI
 2000 Burrus Mammoth Site; PI
 1980 Frasca - Cody Complex bison bonebed. D.J. Stanford director. Crew member.
 1980 Lamb Spring site - stratified Paleoindian site. D.J. Stanford director. Crew member.
 1976 Dutton and Selby sites - Paleoindian period locations. D.J. Stanford director. Crew member.

U.S.A., Montana

- 1988 Mill Iron Site - Paleoindian (Goshen) bison bonebed, G.C. Frison Director, Project Supervisor.
 1987 Mill Iron Site - G.C. Frison Director.
 1984-1985 Mill Iron Site - G.C. Frison Director, Crew member.

U.S.A., Nebraska

- 1992-2002 [Hudson-Meng Site: Paleoindian bison bonebed](#); Co-PI; Field Director
 1991 Hudson-Meng Site, Co-PI with T. Leistman, Field Director.
 1988 Lodgepole Creek Bonebed - Early Holocene deposit. C.A. Reher and L.C. Todd Directors.

U.S.A., New Mexico

- 1998 Folsom Site (41CX1), D.J. Meltzer director
 1997 Folsom Site (41CX1), D.J. Meltzer director.
 1984 Blackwater Draw, Locality 1 excavations. D.J. Stanford and C.V. Haynes directors. Crew Chief.
 1979 Mimbres valley - excavations at several Mimbres period sites. S. LaBlanc director. Crew member.

U.S.A., Oklahoma

- 1989 Howard Gully Late Pleistocene Environments Project -. J.L. Hofman Director.
 1989 Ceder Canyon Archaeology and Paleoecology Project -. J.L. Hofman Director.
 1989 Caddo County Canyons Project - taphonomic investigation of fluvial processes, Pleistocene to recent faunal assemblages. J.L. Hofman and L.C. Todd Directors.
 1989 Burnham Site, D. Wyckoff Director. Taphonomic Consultant.

U.S.A., South Dakota

- 1986 University of Denver Archaeological Field School. Wind Cave National Park. Director.

U.S.A., Texas

- 1989 Lipscomb Bison Quarry (41LP1) - Folsom bison bonebed. J.L. Hofman and L.C. Todd Directors.
 1988 Lipscomb Bison Quarry. J.L. Hofman and L.C. Todd Directors.

U.S.A., Wyoming

- 2004-2019 [Greybull River Sustainable Landscape Ecology Project \(GRSLE\)](#), PI, Field Director
 2003 Greybull River Impact Zone (GRIZ), Shoshone National Forest. PI, Field Director
 2002 Upper Greybull Survey Project, Washakie Wilderness, PI, Field Director
 1998 Vore Buffalo Jump - Colorado State University Field School
 1997 Vore Buffalo Jump - University of Wyoming Field School
 1996 Vore Buffalo Jump
 1996 Agate Basin Site
 1992 Lookingbill Site - G.C. Frison & M.L. Larson directors.
 1988 Hanson site - G.C. Frison and E. Ingbar directors.
 1988 Lookingbill site - G.C. Frison Director.
 1986 Bugas-Holding Site - Late Prehistoric occupation site. Co-principal Investigator, Field Director.
 1985 Bugas-Holding Site - Co-principal Investigator, Field Director.
 1985 Scoggin Site - Middle Plains Archaic bison kill. M.E. Miller director.
 1985 Dead Indian Creek Site - Early Archaic to Late Prehistoric occupation site. Consultant for testing.
 1985 Hunter Ranch Mammoth site - Late Pleistocene locality.
 1984 Bugas-Holding Site - Co-principal Investigator, Field Director.
 1983 Bugas site - Late Prehistoric winter occupation. Frison director. Crew Member.
 1983 McKean site - Middle Plains Archaic to Late Prehistoric occupation site. G.C. Frison director. Crew chief.
 1983 Little Box Elder Cave - Pleistocene to Recent site. D.N. Walker director. Crew member.
 1982 North Fork Cave. Testing. G.C. Frison director. Crew Member.
 1978 Sheamans site - Clovis/Goshen occupation site. G. C. Frison director. Crew.
 1978 Agate Basin site - Paleoindian bison bonebed. G.C. Frison director. Crew member.
 1977 Wagensen site - Late Prehistoric occupation site. C.A. Reher director. Crew.

1977	Long Butte #2 - Archaic to Late Prehistoric site. T.K. Larson director. Crew.
1977	Riverbend site - Late Prehistoric occupation. C.A. Reher director. Crew member.
1977	Horner site - Cody Complex kill-butchery site. G.C. Frison director.
1977	Helen Lookingbill site - Paleoindian to Early Plains Archaic occupation site. G.C. Frison director. Crew..
1977	Sheamans site - Clovis/Goshen site. G. C. Frison director. Crew member.
1977	Agate Basin site - Paleoindian. G.C. Frison director. Crew member in charge of mapping bonebed.
1976	Hanson site - Folsom; geologic profiling. G.C. Frison director. Crew member.
1976	Southsider Shelter - G.C. Frison director. Crew member.
1976	Laddie Creek site - stratified open camp. G. C. Frison director. Crew member.
1976	Casper site - Hell Gap bison bonebed site. G.C. Frison director. Crew member.
1976	Agate Basin site - Paleoindian bison kill-butchery site. G.C. Frison director. Crew.
1975	Helen Lookingbill site - Paleoindian to Early Plains Archaic occupation site. G.C. Frison director. Crew.
1975	Agate Basin site - Paleoindian bison kill-butchery site. G.C. Frison director. Crew.
1975	Medicine Lodge Creek site - large stratified rockshelter. G.C. Frison & C.A. Reher directors. Field School.

ARCHAEOLOGICAL FIELD WORK (CRM):

U.S.A., Arizona

1989-90 Navajo and Hopi Indian Relocation Commission, Navajo Newlands Project. Project Director for various Zuni Archaeological Program survey and excavation projects, mainly in Apache County.

U.S.A., New Mexico

1990 Microstratigraphic investigations at Basketmaker III site, N30/31 Road Data Recovery, San Juan County.

U.S.A., Wyoming

1981 WyCoalGas Project - Rochelle Mine, Coal Gasification Plant and facilities. Project director.
 1976 Arch Mineral #1 Mine Survey; 9,640 acres. Crew member.
 1976 Arch Mineral #2 Mine Survey; 8,320 acres. Crew Member.
 1976 Pacific Power and Light Cherokee Mine Survey; 10,640 acres. Crew member.
 1976 Pacific Power and Light Jim Bridger Mine Survey; 18,100 acres. Crew member.
 1976 Pacific Power & Light Dave Johnston Mine Survey; 11,000 acres. Crew member.
 1976 Pacific Power & Light Prairie Dog Reservoir Survey; 2,000 acres. Crew member.
 1975-81 Surveys of numerous drill pad locations, access roads, pipelines, and test excavations of small sites throughout Wyoming. Crew member, crew chief, Project Director.

MASTER'S THESIS COMMITTEES CHAIRED OR CO-CHAIRRED:

1. **Larson, R.M.** (1995) *Bison Paleoecology: Developing Applications for Hunter-Gatherer Subsistence Models and Former Ecosystems*.
2. **Burns, J.A.** (1996) *Cache or Carry?: An Analytical Approach to the Material Record of Caching Employing Three Colorado Lithic Caches.* (co-chair with J. Eighmy).
3. **Sherman, S.A.** (1996) *Defining Archaeological Site Structure Using Minimally Intrusive Subsurface Sampling Methods*.
4. **Gadbury, C.A.** (1997) *Paleoecological Interpretations of Isotope and Trace Element Variation in Bison Tooth Enamel*.
5. **Niven, L.B.** (1997) *Seasonal Variability of Prehistoric Bison Procurement and Utilization on the Northern Plains.* (University of Wyoming)
6. **Lee, T.L.** (1998) *Native Americans and Archaeologists: The Coming Together of Two World Views*.
7. **Jones, D.C.** (1999) *Late Paleoindian/Early Archaic Archaeology and Subsistence: A Taphonomic Analysis of the Lime Creek Site (25FT41), Southwestern Nebraska*.
8. **Davies, J. O.** (2001). *The Relationship Between the Archaeological Record and the Physical Environment: A Spatial Analysis of the Upper Gunnison Basin, Colorado*.
9. **Burger, O.** (2002). *A Multi Scale Perspective for Archaeological Survey*
10. **Gantt, E.** (2002). *The Claude C. and A. Lynn Coffin Lindenmeier Collection: An Innovative Method for Analysis of Privately held Artifact Collections and New Information on a Folsom Campsite in Northern Colorado*.
11. **Slessman, S.A.** (2004). *The Frazier Site: An Agate Basin Occupation and Lithic Assemblage on the Kersey Terrace, Northeastern Colorado*.
12. **Burris, L.** (2004). *Harvester Ant Mounds: Utility for Small Object Detection in Archaeology*.
13. **Reitze, W.** (2004). *High Altitude Occupation and Raw Material Procurement: Dollar Mountain, a Northwestern Wyoming Example*.
14. **Burnett, P.** (2005). *Surface Lithic Scatters in the Central Absarokas of Wyoming*
15. **Derr, K.** (2006). *Thermal Landscapes: Temperature and Site Placement in Northwestern Wyoming*.
16. **Adams, J.** (2006). *Developing a Framework for Late Quaternary Human Paleoecology in Central Asia: 2003-2004 Investigations at Anghilak Cave, Uzbekistan*
17. **Mueller, A** (2007). *Abysmal Luck in the Absarokas: Gold Reef— A Late 19th Early 20th Century Mining Locality in Northwestern Wyoming*.
18. **Bohn, A.** (2007) . *Scattered Glass: Obsidian Artifact Provenance Patterns in Northwestern Wyoming*.
19. **Kinneer, C.** (2007). *High Altitude Stone and Wood Structures of Northwestern Wyoming: Examples from the Upper Greybull River Area in the Central Absaroka Mountains*

20. **Burke C.** (2008). [*Carnivore Attrition of the Kaplan-Hoover Bison Bonebed: Late Holocene Predatory Ecology of the Cache La Poudre Basin, Colorado Piedmont.*](#)
21. **Ollie, N.** (2008). [*Landscape Change and Stability in the Absaroka Range, Greater Yellowstone Ecosystem, Wyoming.*](#)
22. **Frederick, A.** (2010). *Archaeological Investigations from a Private Artifact Collection Located in Northeastern Colorado.*
23. **Reiser, M.** (2010) [*Tree-Rings, Historic Documents, and Interpreting Past Landuse and Environments in the Upper Greybull River Watershed, Northwestern Wyoming.*](#)
24. **Bechberger, J.** (2010). [*Biogeomorphic Processes and Archaeological Site Formation in the Absaroka Mountains of Northwestern Wyoming.*](#)
25. **Thompson, A.K.** (2012). [*Dead Trees Do Tell Tales: Investigations into the Role of Fires on Archaeological Site Location and Recognition in the Piney Creek Drainage of the Greater Yellowstone Ecosystem.*](#)
26. **Gebretsadkan Mulubrhan** (2019). *Patterns of craniodental variation among the fossil and extant Theropithecus (primate: Cercopithecine) from the Plio-Pleistocene site of Lower Omo Basin, southwestern Ethiopia.* Addas Ababa University (co-advisor with Soloman Yirga).