

CURRICULUM VITAE

HENRY THOMAS BUNN

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EDUCATION AND DEGREES

B.A. Department of Geological and Geophysical Sciences, Princeton University, Princeton, New Jersey, 1973 (with honors).
M.A. Department of Anthropology, University of California, Berkeley, California, 1977.
Ph.D. Department of Anthropology, University of California, Berkeley, California, 1982.

Ph.D. DISSERTATION TITLE

Meat-Eating and Human Evolution: Studies on the Diet and Subsistence Patterns of Plio-Pleistocene Hominids in East Africa, Department of Anthropology, University of California, Berkeley, California.

SPECIALIZATIONS

Paleoanthropology
Early African Prehistory
World Pleistocene Prehistory
Zooarchaeology
Taphonomy
Fossil Evidence for Human Evolution
Evolution of Human Diet
Ethnoarchaeology and Behavioral Ecology of Hunter-Gatherers

ACADEMIC POSITIONS

2015-2020 WARF Named Professor: Glynn Ll. Isaac Professor of African Paleoanthropology, Department of Anthropology, University of Wisconsin-Madison. Wisconsin Alumni Research Foundation.
2006-2014 Co-Director of The Olduvai Paleoanthropology and Paleoecology Project (TOPPP).
1996-2000 Chair, Department of Anthropology, University of Wisconsin, Madison, Wisconsin.

- 1995- Professor, Department of Anthropology, University of Wisconsin, Madison, Wisconsin.
- 1988-1995 Associate Professor, Department of Anthropology, University of Wisconsin, Madison, Wisconsin.
- 1982-1988 Assistant Professor, Department of Anthropology, University of Wisconsin, Madison, Wisconsin.
- 1982 Lecturer in Old World Prehistory in the Pleistocene, with Ellen Kroll, University of California, Davis, California.
- 1977-1982 Research Assistant for Dr.G.Ll. Isaac, Koobi Fora Research Project, Berkeley, California and Kenya.
- 1977 -1980 Visiting Research Associate at the International Louis Leakey Memorial Institute for African Prehistory (TILLMIAP), Nairobi, Kenya.

GRANTS and AWARDS

- 2017-18 President's International Fellowship, Institute of Vertebrate Paleontology and Paleoanthropology (IVPP), Chinese Academy of Sciences, Beijing, China.
- 2015-20 WARF Distinguished Professorship Award.
- 2015-16 Graduate School Faculty Research, University of Wisconsin, Madison, Wisconsin, project on "Discovering the oldest stone tools at Laetoli, Tanzania".
- 2014-15 Sabbatical award for "Archaeology of modern human origins" project in South Africa.
- 2013-14 African Studies Program Research Travel Award, University of Wisconsin, Madison, Wisconsin, project on "Foraging capabilities of early *Homo sapiens* in South Africa".
- 2012-13 Graduate School Faculty Research, University of Wisconsin, Madison, Wisconsin, project on "Foraging Strategies of Early Pleistocene *Homo* at Olduvai Gorge, Tanzania".
- 2011-13 Spanish Ministry of Education and Science, to TOPPP (M. Dominguez-Rodrigo, PI), for "Paleoanthropology and Paleoecology at Olduvai Gorge, Tanzania".
- 2011-12 Graduate School Faculty Research, University of Wisconsin, Madison, Wisconsin, project on "Paleoanthropology and Paleoecology at Olduvai Gorge, Tanzania".
- 2010 Honored Instructor Award for Anthropology 100: General Anthropology, University of Wisconsin – Madison.
- 2008-09 Graduate School Faculty Research, University of Wisconsin, Madison, Wisconsin, project on "Paleoanthropology and Paleoecology at Olduvai Gorge, Tanzania."
- 2007-08 Sabbatical award for Hadza Behavioral Ecology and Archaeology project.

- 2007-08 Graduate School Faculty Research, University of Wisconsin, Madison, Wisconsin, project on Hadza Behavioral Ecology and Archaeology, at Lake Eyasi, Tanzania.
- 2000-01 Sabbatical award for Hadza Behavioral Ecology project.
- 2000-01 Graduate School Faculty Research, University of Wisconsin, Madison, Wisconsin, project on "Hadza Behavioral Ecology."
- 1997-1998 Wenner-Gren Foundation, with Craig B. Stanford, project titled "The Early Human Diet." Conference held October 1-4, 1998, Madison, WI.
- 1997-1998 Wenner-Gren Foundation, with M. J. Schoeninger, project titled "Nutritional Ecology of Hadza Foragers at Lake Eyasi, northern Tanzania."
- 1996-1997 National Geographic Society, with M. J. Schoeninger, project titled "Nutritional Ecology of Hadza Foragers at Lake Eyasi, northern Tanzania."
- 1995-1996 Graduate School Faculty Research, University of Wisconsin, Madison, Wisconsin, project titled "Nutritional Ecology of Hadza Foragers at Lake Eyasi, northern Tanzania."
- 1993-1994 Fulbright Scholar Program, project titled "Subsistence Behavior and Recent Archaeology of Hadza Foragers in Tanzania."
- 1993-1994 Graduate School Faculty Research, University of Wisconsin, Madison, Wisconsin, project titled "Subsistence Behavior of Modern and Ancient Hunter-Gatherers in East Africa."
- 1992 Vilas Associate for 1993-95, University of Wisconsin, Madison, project titled "Subsistence Behavior of Modern and Ancient Hunter-Gatherers in East Africa."
- 1990 Natural History Museums Council, University of Wisconsin, Madison, Wisconsin.
- 1989 Graduate School Faculty Research, University of Wisconsin, Madison, Wisconsin, project titled "On Becoming Human: Zooarchaeological Study of Plio-Pleistocene Bone Assemblages from Olduvai."
- 1988 L.S.B. Leakey Foundation, with Robert J. Blumenshine, project titled "Refining Interpretations of Site Formation and Hominid Behavior at FLK *Zinjanthropus*."
- 1987 -1988 Graduate School Faculty Research, University of Wisconsin, Madison, Wisconsin, project titled "Hadza Ethnoarchaeology: Hunting, Scavenging, and Settlement Patterns."
- 1987-1989 ROTA Project (Apple computers), University of Wisconsin, Madison, Wisconsin.
- 1986-1987 Graduate School Faculty Research, University of Wisconsin, Madison, Wisconsin, project titled "A Semester of On-Campus Research. "

- 1986-1987 National Science Foundation, Principal Investigator of project titled "Hadza Ethnoarchaeology. "
- 1985-1987 National Science Foundation, Principal Investigator of project titled "Basarwa Ethnoarchaeology. "
- 1985 Natural History Museums Council, University of Wisconsin, Madison, Wisconsin.
- 1985-1986 National Science Foundation, Co-Principal Investigator of project titled "Late Pleistocene-Early Holocene Subsistence and Settlement Patterns in Somalia. "
- 1984 Natural History Museums Council, University of Wisconsin, Madison, Wisconsin.
- 1983-1984 Graduate School Faculty Research, University of Wisconsin, Madison, Wisconsin, project titled "Early Pleistocene Bone Assemblages from Olduvai Gorge, Tanzania, as Evidence for Early Hominid Diet and Subsistence."
- 1982-1983 Graduate School Faculty Research, University of Wisconsin, Madison, Wisconsin, project titled "Early Pleistocene Bone Assemblages from Olduvai Gorge, Tanzania, as Evidence for Early Hominid Diet and Subsistence."
- 1980 L.S.B.Leakey Foundation. Research on Olduvai Collections at the National Museum of Kenya.
- 1977 -1981 National Science Foundation, Research Associate, Koobi Fora Archaeological Research Project. (G.Ll. Isaac, Principal Investigator)

FIELD EXPERIENCE

- 2016 Paleoanthropological research on Klasies River Mouth and Elandsfontein collections at the Iziko South African Museum, Cape Town, South Africa (1 month)
- 2016 Hadza behavioral ecology research in northern Tanzania (.5 month)
- 2016 Paleoanthropological excavation at Laetoli and survey at Olduvai Gorge and Isimila, Tanzania (1.5 months)
- 2015 Paleoanthropological research on Klasies River Mouth, Elandsfontein, and Swartklip collections at the Iziko South African Museum, Cape Town, South Africa (1 month)
- 2015 Paleoanthropological excavation at Laetoli and Olduvai Gorge, Tanzania (1 month)
- 2014 Paleoanthropological research on Elandsfontein collection at the Iziko South African Museum, Cape Town, South Africa (1 month)
- 2014 Paleoanthropological excavation at Laetoli and Olduvai Gorge, Tanzania (1 month)
- 2013 Paleoanthropological excavation at Laetoli and Olduvai Gorge, Tanzania (2 months)
- 2012 Paleoanthropological excavation at Olduvai Gorge, Tanzania (2 months)
- 2012 Hadza archaeology research in northern Tanzania (.5 month)

- 2011 Paleanthropological excavation at Olduvai Gorge, Tanzania (1 month)
- 2011 Hadza archaeology research in northern Tanzania (1 month)
- 2010 Hadza archaeology research in northern Tanzania (1 month)
- 2010 Paleanthropological excavation at Olduvai Gorge, Tanzania (1 month)
- 2009 Hadza behavioral ecology research in northern Tanzania (.5 month)
- 2009 Paleanthropological excavation at Olduvai Gorge, Tanzania (1 month)
- 2008 Taphonomic research with lions in Tarangire National Park, Tanzania (.5 month)
- 2008 Hadza behavioral ecology research in northern Tanzania (.5 month)
- 2008 Paleanthropological excavation at Olduvai Gorge, Tanzania (1 month)
- 2007 Paleanthropological excavation at Olduvai Gorge, Tanzania (1 month)
- 2007 Hadza archaeology research in northern Tanzania (1 month)
- 2000 Hadza research in northern Tanzania (1.5 months)
- 1998 Hadza research in northern Tanzania (1.5 months)
- 1997 Hadza research in northern Tanzania (1.5 months)
- 1995 Hadza research in northern Tanzania (1.5 months)
- 1994 Hadza research in northern Tanzania (3 months)
- 1993 Hadza research in northern Tanzania (2 months)
- 1993 Archaeology at Koobi Fora, east of Lake Turkana, Kenya (1.5 months)
- 1992 Archaeology at Koobi Fora, east of Lake Turkana, Kenya (1.5 months)
- 1990 Archaeology at Koobi Fora, east of Lake Turkana, Kenya (1.5 months)
- 1990 Hadza research in northern Tanzania (1 month)
- 1989 Archaeology at Koobi Fora, east of Lake Turkana, Kenya (1.5 months)
- 1988 Hadza research in northern Tanzania (3 months)
- 1986 Hadza research in northern Tanzania (3 months)
- 1986 Kua San ethnoarchaeology in the Central Kalahari Desert, Botswana (2 months)
- 1985 Kua San ethnoarchaeology in the Central Kalahari Desert, Botswana (5 months)
- 1985 Ethnoarchaeology and archaeology in southern Somalia (4 months)
- 1984 Archaeology at Koobi Fora, east of Lake Turkana, Kenya (1 month)

- 1983 Ethnoarchaeology and archaeology in southern Somalia (1 month)
- 1978 Taphonomy in Amboseli National Park, Kenya
- 1978 Ethnoarchaeology and taphonomy in the Central Kalahari Desert, Botswana.
- 1977 -1979 Archaeology during five field seasons at Koobi Fora, east of Lake Turkana, Kenya, co-directed by Dr. G.L.I. Isaac, University of California, Berkeley, and R.E.F. Leakey, Director, National Museums of Kenya.
- 1975 Ethnoarchaeology in Central Australia, directed by Dr. J. F. O'Connell, Australian National University.
- 1973 Paleontology and geology southwest of Lake Turkana, Kenya, directed Dr. V.J. Maglio, Princeton University.
- 1972 Principal Investigator, paleontology project in the Bighorn Basin, Wyoming, for senior thesis titled "Taphonomy of a Late Paleocene Vertebrate Assemblage, Bighorn County, Wyoming," Princeton University.
- 1970,1971 Paleontology in Bighorn Basin, Wyoming, directed by Dr. G.L. Jepsen, Princeton University.

PROFESSIONAL MEMBERSHIPS

American Association of Physical Anthropologists
Paleoanthropology Society

EDITORIAL BOARD MEMBERSHIP

Journal of Taphonomy

PUBLICATIONS IN REFEREED JOURNALS

- Li, Jingshu, Bunn, Henry, Zhang, Shuangquan, Gao, Xing (in review) Equid prey acquisition and archaic *Homo* adaptability at the early Late Pleistocene site of Xujiayao, China. International Journal of Osteoarchaeology.
- Li, Jingshu, Zhang, Shuangquan, Bunn, Henry, Gao, Xing (in review) A preliminary application of dental cementum incremental analysis to determine the season-of-death of equids from the Xujiayao site, China. Science China Earth Sciences.
- Bunn, H.T. (in review). Large ungulate mortality profiles and ambush hunting by Acheulean-age hominins at Elandsfontein, Western Cape Province, South Africa. Journal of Archaeological Science.
- Domínguez-Rodrigo, M., UribeArrea, D., Santonja, M., Bunn, H.T., Garcia-Perez, A., et al. 2014. Autochthonous anisotropy of archaeological materials by the action of water: experimental and archaeological reassessment of the orientation patterns at the Olduvai sites. Journal of Archaeological Science 41, 44-68.
- Bunn, H.T., Gurtov, A.N. 2014. Prey mortality profiles indicate that Early Pleistocene *Homo* at

Olduvai was an ambush predator. Quaternary International 322-323, 44-53.

- Ashley, G.M., Bunn, H.T., Delaney, J.S., Barboni, D., Domínguez-Rodrigo, M., Mabulla, A.Z., et al. 2014. Paleoclimatic and paleoenvironmental framework of FLK North archaeological site, Olduvai Gorge, Tanzania. Quaternary International 322-323, 54-65.
- Domínguez-Rodrigo, M., Bunn, H.T., Yravedra, J. 2014. A critical re-evaluation of bone surface modification models for inferring fossil hominin and carnivore interactions through a multivariate approach: Application to the FLK Zinj archaeofaunal assemblage (Olduvai Gorge, Tanzania). Quaternary International 322-323, 32-43.
- Domínguez-Rodrigo, M., Bunn, H.T., Mabulla, A., Baquedano, E., UribeArrea, D., et al. 2014. On meat-eating and human evolution: A taphonomic analysis of BK4b (Upper Bed II, Olduvai Gorge, Tanzania) and its bearing on hominin megafaunal consumption. Quaternary International 322-323, 129-152.
- Santonja, M., Panera, J., Rubio-Jara, S., Perez-Gonzalez, A., UribeArrea, D., Domínguez-Rodrigo, M., Mabulla, A., Bunn, H., Baquedano, E. 2014. Technological strategies and the economy of raw materials in the TK (Thiongo Korongo) Lower Occupation, Bed II, Olduvai Gorge, Tanzania. Quaternary International 322-323, 181-208.
- Domínguez-Rodrigo, M., Pickering, T., Baquedano, E., Mabulla, A., Mark, D., Musiba, C., Bunn, H., UribeArrea, D., et al. 2013. First partial skeleton of a 1.34-million-year-old *Paranthropus boisei* from Bed II, Olduvai Gorge, Tanzania. PLoS ONE 8(12), 1-10.
- Pickering, T.R., Domínguez-Rodrigo, M., Heaton, J.L., Yravedra, J., Barba, R., Bunn, H.T., Musiba, C., Baquedano, E., Diez-Martín, F., Mabulla, A., Brain, C.K. 2013. Taphonomy of ungulate ribs and the consumption of meat and bone by 1.2 million-year-old hominins at Olduvai Gorge, Tanzania. Journal of Archaeological Science 40, 1295-1309.
- Domínguez-Rodrigo, M., Pickering, T.R., Diez-Martin, F., Mabulla, A., Musiba, C., Tranco, G., Baquedano, E., Bunn, H.T., Barboni, D., Santonja, M., UribeArrea, D., Ashley, G.M., Martínez-Ávila, M.S., Barba, R., Gidna, A., Yravedra, J., Arriaza, C. 2012. Earliest protic hyperostosis on a 1.5-million-year-old hominin, Olduvai Gorge, Tanzania. PLoS ONE 7(10), 1-7.
- Domínguez-Rodrigo, M., Bunn, H.T., Pickering, T.R., Musiba, C.M., Mabulla, A.Z.P., Baquedano, E., Ashley, G.M., Diez-Martin, F., Santonja, M., UribeArrea, D., Barba, R., Yravedra, J., Gidna, A. 2012. Autochthony and orientation patterns in Olduvai Bed I: A re-examination of the status of postdepositional biasing of archaeological assemblages from FLK North (FLK N). Journal of Archaeological Science 39, 2116-2127.
- Domínguez-Rodrigo, M., Pickering, T.R., Bunn, H.T. 2012. Experimental study of cut marks made with rocks unmodified by human flaking and its bearing on claims of ~3.4 million-year-old butchery evidence from Dikika, Ethiopia. Journal of Archaeological Science 39, 205-214.

- Domínguez-Rodrigo, M., Pickering, T.R., Bunn, H.T. 2011. Some critical comments on “The Origins of Stone Tool Technology”. Philosophical Transactions of the Royal Society, B, e-letter published May 13, 2011.
- Domínguez-Rodrigo, M., Pickering, T.R., Bunn, H.T. 2011. Doubting Dikika is about data, not paradigms. Proceedings of the National Academy of Science (USA) 108, E117.
- Domínguez-Rodrigo, M., Pickering, T.R., Bunn, H.T. 2010. Configurational approach to identifying the earliest hominin butchers. Proceedings of the National Academy of Science (USA) 107, 20929-20934.
- Bunn, H.T. and Pickering, T.R. 2010. Methodological recommendations for ungulate mortality analyses in paleoanthropology. Quaternary Research 74, 388-394.
- Bunn, H.T. and Pickering, T.R. 2010. Bovid mortality profiles in paleoecological context falsify hypotheses of endurance running hunting and passive scavenging by early Pleistocene hominins. Quaternary Research 74, 395-404.
- Bunn, H.T., Mabulla, A.Z.P., Domínguez-Rodrigo, M., Ashley, G.M., Barba, R., Diez-Martín, F., Remer, K., Yravedra, J., Baquedano, E. 2010. Was FLK North levels 1-2 a classic ‘living floor’ of Oldowan hominins or a taphonomically complex palimpsest dominated by large carnivore feeding behavior? Quaternary Research 74, 355-362 .
- Domínguez-Rodrigo, M., Mabulla, A.Z.P., Bunn, H.T., Diez-Martín, F., Barba, R., Domínguez-Solera, S., Sánchez, P., Ashley, G.M., Baquedano, E. 2010. Disentangling hominin and carnivore activities near a spring at FLK North (Olduvai Gorge, Tanzania). Quaternary Research 74, 363-375.
- Diez-Martín, F., Sánchez, P., Domínguez-Rodrigo, M., Mabulla, A.Z.P., Bunn, H.T., Ashley, G.M., Barba, R., Baquedano, E. 2010. New insights into hominin lithic activities at FLK North Bed I, Olduvai Gorge, Tanzania. Quaternary Research 74, 376-387.
- Barboni, D., Ashley, G.M., Domínguez-Rodrigo, M., Bunn, H.T., Mabulla, A.Z.P., Baquedano, E. 2010. Phytoliths infer locally dense and heterogeneous paleovegetation at FLK North and surrounding localities during upper Bed I time, Olduvai Gorge, Tanzania. Quaternary Research 74, 344-354.
- Ashley, G.M., Barboni, D., Domínguez-Rodrigo, M., Bunn, H.T., Mabulla, A.Z.P., Diez-Martín, F., Barba, R., Baquedano, E. 2010. Paleoenvironmental and paleoecological reconstruction of a freshwater oasis in savannah grassland at FLK North, Olduvai Gorge, Tanzania. Quaternary Research 74, 333-343.
- Domínguez-Rodrigo, M., Bunn, H.T., Mabulla, A., Pickering, T.R., Baquedano, E. 2010. Paleocology and hominin behavior during Bed I at Olduvai Gorge (Tanzania). Quaternary Research 74, 301-303.
- Domínguez-Rodrigo, M., Bunn, H.T., Mabulla, A.Z.P., Ashley, G.M., Diez-Martín, F., Barboni, D., Prendergast, M.E., Yravedra, J., Barba, R., Sánchez, A., Baquedano, E., Pickering, T.R. 2010. New excavations at the FLK *Zinjanthropus* site and its surrounding landscape and their behavioral implications. Quaternary Research 74, 315-332.

- Ashley, G.M., Barboni, D., Domínguez-Rodrigo, M., Bunn, H.T., Mabulla, A.Z.P., Diez-Martín, F., Barba, R., Baquedano, E. 2010. A spring and wooded habitat at FLK Zinj and its relevance to origins of human behavior. Quaternary Research 74, 304-314.
- Ashley, G.M., Domínguez-Rodrigo, M., Bunn, H.T., Mabulla, A.Z.P., Baquedano, E. 2010. Sedimentary Geology and human origins: A fresh look at Olduvai Gorge, Tanzania. Journal of Sedimentary Research 80, 703-709.
- M. Domínguez-Rodrigo, A. Mabulla, H.T. Bunn, R. Barba, F. Diez-Martín, C.P. Egeland, E. Espílez, A. Egeland, J. Yravedra, P. Sánchez. 2009. Unraveling hominin behavior at another anthropogenic site from Olduvai Gorge (Tanzania): New archaeological and taphonomic research at BK, Upper Bed II. Journal of Human Evolution 57: 260-283.
- A.G. Egeland, C.P. Egeland, H.T. Bunn. 2008. Taphonomic analysis of a modern spotted hyena (*Crocuta crocuta*) den from Nairobi, Kenya. Journal of Taphonomy 6: 275-299.
- Pickering T.R. and H.T. Bunn. 2007. The endurance running hypothesis and hunting and scavenging in savanna-woodlands. Journal of Human Evolution 53, 438-442.
- Murray, Shawn S., Schoeninger, Margaret J., Bunn, Henry T. and Marlett, J.A. 2001. Nutritional Composition of Some Wild Plant Foods and Honey Used by Hadza Foragers of Tanzania. Journal of Food Composition and Analysis 14: 3-13.
- Schoeninger, Margaret J., Bunn, Henry T., Murray, Shawn S. and Marlett, J.A. 2001. Composition of Tubers Used by Hadza Foragers of Tanzania. Journal of Food Composition and Analysis 14: 15-25.
- Bunn, H.T. 1994. Early Pleistocene hominid foraging strategies along the ancestral Omo River at Koobi Fora, Kenya. Journal of Human Evolution 27: 247-266.
- Bunn, H.T. and J.A. Ezzo. 1993. Hunting and scavenging by Plio-Pleistocene hominids: nutritional constraints, archaeological patterns, and behavioral implications. Journal of Archaeological Science 20: 365-398.
- Bunn, H. T. 1991. A taphonomic perspective on the archaeology of human origins. Annual Review of Anthropology 20: 433-467.
- Bunn, H.T., L.E. Bartram, and E.M. Kroll. 1988. Variability in bone assemblage formation from Hadza hunting, scavenging, and carcass processing. Journal of Anthropological Archaeology 7: 412-457.
- Bunn, H.T. and E.M. Kroll. 1988. Fact and fiction about the FLK *Zinjanthropus* floor: data, arguments, and interpretations. (reply to L.R. Binford). Current Anthropology 29 (1): 135-149.

- Bunn, H.T. 1986. Patterns of skeletal representation and hominid subsistence activities at Olduvai Gorge, Tanzania. Journal of Human Evolution 15: 673-690.
- Bunn, H.T. and R.I. Blumenschine. 1987. On 'theoretical framework and tests' of early hominid meat and marrow acquisition: a reply to Shipman. American Anthropologist 89 (2): 444-448.
- Bunn, H.T. and E.M. Kroll. 1986. Systematic butchery by Plio-Pleistocene hominids at Olduvai Gorge, Tanzania. Current Anthropology 27 (5): 431-442.
- Bunn, H.T. 1981. Archaeological evidence for meat-eating by Plio-Pleistocene hominids from Koobi Fora and Olduvai Gorge. Nature 291: 574-577.
- Bunn, H.T. et al. 1980. FxJj50: An early Pleistocene site in northern Kenya. World Archaeology 12 (2): 109-136.

REPLY/COMMENT PUBLICATIONS IN REFEREED JOURNALS

- Bunn, H.T. 1999. On The raw and the stolen: cooking and the ecology of human origins: a comment on R.W. Wrangham et al. Current Anthropology 40: 579-580.
- Bunn, H.T. 1996. On Meat eating, hominid sociality, and home bases revisited: a comment on L. Rose and F. Marshall. Current Anthropology 37(2): 321-323.
- Bunn, H.T. 1995. On Savanna ecology and natural bone deposition: implications for early hominid site formation, hunting, and scavenging: a comment on M. Tappen. Current Anthropology 36 (2): 250-251.
- Bunn, H.T. 1987. On Characteristics of an early hominid scavenging niche: a comment on Blumenschine. Current Anthropology 28 (4): 394-396.
- Bunn, H.T. and E.M. Kroll. 1993. On The structure of the lower Pleistocene archaeological record: a case study from the Koobi Fora formation in northern Kenya: a comment on N. Stern. Current Anthropology 34(3): 216-217.
- Bunn, H.T. and E.M. Kroll. 1987. On Inferences from the Zhoukoudian fauna: a comment on Binford and Stone. Current Anthropology 28 (2): 199-202.
- Bunn, H.T. and E.M. Kroll. 1987. On Butchery by Olduvai hominids: a reply to R. Potts. Current Anthropology 28 (1): 96-98.
- Bunn, H.T. and E.M. Kroll. 1986. Reply to seven commentors on Systematic butchery by Plio/Pleistocene hominids at Olduvai Gorge, Tanzania. Current Anthropology 27 (5): 448-452.

BOOK REVIEWS IN REFEREED JOURNALS

- Bunn, H.T. 1995. Book Review of A View to a Death in the Morning: Hunting and Nature through History, by Matt Cartmill. American Journal of Physical Anthropology 97: 453-454.
- Bunn, H.T. 1991. Book Review of The Archaeology of Human Origins: Papers by Glynn Isaac, edited by Barbara Isaac. Quarterly Review of Biology 66: 364-365.
- Bunn, H.T. 1982. Book Review of Bones: ancient men and modern myths, by L.R. Binford. Science 215 (Jan. 29): 494-495.

EDITED BOOKS

- C. Stanford and Henry Bunn, editors. 2001. Meat-Eating and Human Evolution. Oxford University Press.

EDITED JOURNAL ISSUE

- Domínguez-Rodrigo, M., Bunn, H.T., Mabulla, A., Baquedano, E., Pickering, T.R. (Guest Editors) 2010. Special Issue: Paleoecology and Hominin Behavior during Bed I at Olduvai Gorge (Tanzania). Quaternary Research 74 (3), 301-423.
- Domínguez-Rodrigo, M., Díez-Martin, F., Mabulla, A., Baquedano, E., Bunn, H.T., Musiba, C. (Guest Editors) 2014. Special Issue: The Evolution of Hominin Behavior during the Oldowan-Acheulian Transition: Recent Evidence from Olduvai Gorge and Peninj (Tanzania). Quaternary International 322-323, 1-313.

PUBLICATIONS IN EDITED BOOKS

- Bunn, H.T. (in press) Olduvai Gorge. In The International Encyclopedia of Biological Anthropology, Wenda Trevathan, ed. John Wiley and Sons, Inc.
- Bunn, H.T., Pickering, T.R., Domínguez-Rodrigo, M. 2016. How Meat Made Us Human: Archaeological Evidence of the Diet and Foraging Capabilities of early Pleistocene *Homo* in East Africa. In Oxford Handbook of the Archaeology of Diet. J. Lee-Thorp, A. Katzenberg, editors. Oxford University Press.
- Bunn, H.T., Pickering, T.R. 2014. Hunting, Scavenging, and Meat-Eating as Key Components in the Foraging Adaptations of Early Pleistocene *Homo*. In La Cuna de la Humanidad (The Cradle of Humankind), E. Baquedano, M. Domínguez-Rodrigo, editors. Alcalá de Henares (Madrid): Museo Arqueológico Regional; Burgos: Museo de la Evolución Humana, Volume II, pp. 66-85.
- Bunn, H.T. 2014. Glynn Isaac: Legendary Archaeologist of Human Origins. In La Cuna de la Humanidad (The Cradle of Humankind), E. Baquedano, M. Domínguez-Rodrigo, editors. Alcalá de Henares (Madrid): Museo Arqueológico Regional; Burgos: Museo de la Evolución Humana, Volume I, pp. 54-67.
- Domínguez-Rodrigo, M., Bunn, H.T. 2013. The FLK Zinj site (Olduvai Bed I) as the oldest

central place? Some insights from palaeoecology and ethnoarchaeology. In Africa, Cradle of Humanity: Recent Discoveries. Travaux du Centre National de Recherches Préhistoriques, Anthropologiques, et Historiques, Algiers. Nouvelle Serie no. 18, pp. 169-187.

- Pickering, T.R., Bunn, H.T. 2012. Meat-foraging by Pleistocene African hominins: Tracking behavioral evolution beyond baseline inferences of early access to carcasses. In Stone Tools and Fossil Bones: Debates in the Archaeology of Human Origins pp. 152-173. M. Domínguez-Rodrigo, editor. Cambridge University Press, Cambridge.
- Bunn, H.T. 2007. Butchering backstraps and bearing backbones: insights from Hadza foragers and implications for Paleolithic archaeology. In Breathing Life into Fossils: Taphonomic Studies in Honor of C.K. "Bob" Brain, pp. 269-279. Pickering, T., Schick, K., and Toth, N. (editors). Stone Age Institute Press: Bloomington, Indiana.
- Bunn, H.T. 2007. Meat made us human. In Evolution of the Human Diet, pp. 191-211. Peter Ungar, editor. Oxford University Press.
- Bunn, H. T. 2001. Hunting, Power Scavenging, and Butchering by Hadza Foragers and by Plio-Pleistocene *Homo*. In Meat-Eating and Human Evolution, pp. 199-218. Craig Stanford and Henry T. Bunn, editors. Oxford University Press.
- Schoeninger, Margaret J., Bunn, Henry T., Murray, Shawn, Pickering, Travis, and Moore, Jim 2001. Meat-eating by the fourth African ape. In Meat-Eating and Human Evolution, pp. 179-195. Craig Stanford and Henry T. Bunn, editors. Oxford University Press.
- Bunn, H.T., E.M.Kroll, G.Ll. Isaac, and Z.M Kaufulu. 1997. FxJj 50 site report. In Koobi Fora a Project Monograph. Volume 5, pp. 192-211. G.Ll. Isaac, ed., Oxford: Clarendon Press.
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- Bunn, H.T. 2015. Prey mortality profiles and two million years of efficient hominin hunting. European Society for the study of Human Evolution (ESHE) Fifth annual meeting, September 10-12, London, UK.
- Bunn, H.T. 2015. From Hominin to Humanity: How Hunting and Meat Eating Made Us Human. University of Colorado, Denver, CO. 3.22.2015.
- Bunn, H.T. 2015. Bovid mortality profiles at Elandsfontein, Western Cape Province, South

- Africa, and implications for the hunting capability of Acheulean-age hominins. Annual meeting of the Paleoanthropology Society, Apr. 14-15, San Francisco, CA.
- Bunn, H.T. 2015. Humanity in the Pleistocene, or “Just another large mammal”? African Studies Program, University of Wisconsin-Madison, 1.28.2015.
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- Bunn, H., Pickering, T., Domínguez-Rodrigo, M. 2012. Bovid mortality profiles and early hominin meat-foraging capabilities at Olduvai Gorge, Tanzania. European Society for the study of Human Evolution (ESHE) Second annual meeting, September 21-22, Bordeaux, France.
- Bunn, H.T. 2012. Early Pleistocene *Homo* as ambush predator at Olduvai: The unthinkable, the unknowable, the unavoidable? Rutgers University, New Brunswick, NJ, March 2012.
- Bunn, H.T. 2012. The Hadza of Lake Eyasi, northern Tanzania: Faunal resources in a foraging society. Rutgers University, New Brunswick, NJ, March, 2012.
- Bunn, H.T., Domínguez-Rodrigo, M., Mabulla, A., Baquedano, E. 2011. New reconstructions of hominin foraging behavior on Olduvai paleolandscapes. Annual meeting of the Paleoanthropology Society. Minneapolis, April, 2011.
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- Bunn, H.T. 2009. From hominin to humanity: How meat made us human. Conference titled “Meat: Killing, Consuming, and Commodifying Animals”. University of Pennsylvania, Philadelphia, May 2009.
- Bunn, H. and M. Schoeninger. 2009. Hadza honey and implications for the evolution of meat-eating in early Homo. Annual meeting of the Paleoanthropology Society. Chicago, April 2009.
- Schoeninger, M. and H. Bunn. 2009. Tubers and the origins of the human lineage. Annual meeting of the Paleoanthropology Society. Chicago, April 2009.
- Bunn, H.T. 2009. Patrones de mortalidad de los bóvidos fósiles y homínidos del Plio-

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- Schnell, A., Egeland, C., Bunn, H., Pickering, T. 2007. Zooarchaeological distinction of felids and hyenids: implications for models of early hominid carcass foraging. Annual meeting of the Paleoanthropology Society. University of Pennsylvania, Philadelphia, March 2007.
- Bunn, H.T. 2006. Meat made us human: insights from Hadza foragers and implications for Plio-Pleistocene hominins. African Genesis Symposium on hominid evolution in Africa. University of the Witwatersrand Medical School, Johannesburg, South Africa, January 2006.
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- Bunn, H.T., Blumenschine, R.J., and M.E. Selvaggio. 1993. Alternative views on the nature and sequence of hominid and carnivore activities at the FLK *Zinjanthropus* site, Olduvai Gorge, Tanzania. Annual Meetings of the Paleoanthropology Society, Toronto, April 1993.
- Bunn, H.T. with J.S. Oliver. 1993. Cut marks, hammerstone fractures, and carnivore damage at FLK *Zinjanthropus*, Olduvai Gorge, Tanzania. Annual Meetings of the Paleoanthropology Society, Toronto, April 1993.
- Bunn, H.T. 1990. Site formation processes and hominid activities at Plio-Pleistocene archaeological sites in East Africa. Lubbock Lake Landmark International Symposium, Lubbock,

Texas, October.

- Bunn, H.T. 1990. International Conference on Hunting and Gathering Societies, Fairbanks, Alaska, May.
- Bunn, H.T. and L.E. Bartram. 1990. 6th International Council on Archaeozoology (ICAZ), Washington, D.C., May.
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- Bunn, H.T. 1990. Archaeological implications of Hadza hunting, scavenging, and carcass processing. Society of Africanist Archaeologists. Gainesville, Florida, March.
- Bunn, H.T. 1988. The archaeology of human origins. Visiting Professor Program, Department of Anthropology, University of Tennessee, Knoxville.
- Bunn, H.T. 1988. Comparative analysis of butchery practices by Hadza and Kua San hunter-gatherers. Symposium titled "Archaeological approaches to megafauna," 53rd Annual Meeting of the Society for American Archaeology, Phoenix, May.
- Bunn, H.T. 1988. Hunting and scavenging by Plio-Pleistocene hominids: archaeological and ethnoarchaeological evidence. Symposium titled "Hunting and scavenging in Human Evolution," 154th Annual Meeting of the American Association for the Advancement of Science (AAAS), Boston, February.
- Bunn, H.T. 1987. Plio-Pleistocene hominid land use patterns. XIth Congress of the UISPP, Mainz, West Germany, September.
- Bunn, H.T., with L.E. Bartram and E.M. Kroll. 1987. "Variability in camp structure and food refuse patterning at Kua camps." Symposium titled "The Interpretation of Spatial Patterns in Stone Age Archaeological Sites," 52nd Annual Meeting of the Society for American Archaeology, Toronto, May.
- Bunn, H.T. 1986. Plio-Pleistocene bone assemblages from Koobi Fora and Olduvai Gorge and ancient hominid land use patterns. Symposium titled "Glynn Isaac's legacy: lithic, land use, dietary, and actualistic studies," Annual Meeting of the American Anthropological Association, Philadelphia, December.
- Bunn, H.T. 1986. Olduvai bones and early hominid subsistence behavior. Chicago Field Museum Spring Systematics Symposium titled "The Evolution of Human Hunting."
- Bunn, H.T. 1986. Olduvai and Koobi Fora bone assemblages in relation to early hominid subsistence strategies. Conference in honor of Professor J. Desmond Clark, Berkeley, April.

- Bunn, H.T. 1985. Systematic animal butchery by Plio-Pleistocene hominids at Olduvai Gorge. Symposium titled "Beyond ethnoarchaeology: adaptive strategies of forager-collectors from the archaeological record," 50th Annual Meeting of the Society for American Archaeology, Denver, Colorado, May.
- Bunn, H.T. 1984. Diagnosing hominid activity with bone fracture evidence. The First International Conference on Human and Natural Bone Modification, Carson City, Nevada, August.
- Bunn, H.T. 1984. Poster Display, Gordon Conference on the Evolution of Human Diet, Pasadena, California.
- Bunn, H.T., with E.M.Kroll and J.W.K.Harris. 1983. Refitting the sequence of site formation events at archaeological sites at Koobi Fora. Symposium titled "Piecing Together The Past: Applications of Refitting Studies in Archaeology," 48th Annual Meeting of the Society for American Archaeology, Pittsburgh, Pennsylvania, April.
- Bunn, H.T. 1982. Plio-Pleistocene archaeological bone assemblages from East Africa as evidence for early hominid diet. 15th Chacmool Symposium titled "Carnivores, Human Scavengers and Predators: A Question of Bone Technology," University of Calgary, Calgary, Alberta, Canada.
- Bunn, H.T. 1982. Diet and subsistence patterns of Plio-Pleistocene hominids at Koobi Fora, Kenya, and Olduvai Gorge, Tanzania. 4th International Council on Archaeozoology (ICAZ), London, England.
- Bunn, H.T. 1982. Bones from a modern hunter-gatherer camp in Botswana. 4th International Council on Archaeozoology (ICAZ), London, England.
- Bunn, H.T. 1982. Poster Display, 4th International Council on Archaeozoology (ICAZ), London, England.
- Bunn, H.T. 1982. Symposium titled "Food for Thought: Evidence Concerning the Evolution of Human Diet," Foundation for Research into the Origin of Man (F.R.O.M.), Washington, D.C.
- Bunn, H.T., G.Ll. Isaac, and R. Potts. 1982. Archaeological evidence relating to the diet of early Pleistocene hominids. Symposium titled "The Evolution of Human Diet: New Lines of Evidence," 148th Annual Meeting of the American Association for the Advancement of Science (AAAS), Washington, D.C.
- Bunn, H.T. 1981. Direct evidence for meat-eating by Plio-Pleistocene hominids from Koobi Fora, Kenya, and Olduvai Gorge, Tanzania. Symposium titled "Archaeological Studies of Proto-human Adaptation: Some Recent Developments," 46th Annual Meeting of the Society for American Archaeology, San Diego, California.

COMPLETED Ph.D. DISSERTATIONS (Major Advisor: H.T. Bunn)

- 1993 Bartram, Laurence. An ethnoarchaeological analysis of Kua San (Botswana) bone food refuse.
- 1994 O'Brien, Christopher. Determining seasonality and age in East African archaeological faunas: an ethnoarchaeological application of cementum increment analysis.
- 1996 Monahan, Christopher. Variability in the foraging behavior of early *Homo*: a taphonomic perspective from Bed II, Olduvai Gorge, Tanzania.
- 1997 Kimura, Yuki. Studies on the tool-using and ranging patterns of early hominids at Olduvai Gorge, Tanzania.
- 1999 Pickering, Travis. Taphonomic interpretations of the Sterkfontein early hominid site (Gauteng, South Africa) reconsidered in light of recent evidence.
- 2000 Yarborough, Linda. Prehistoric and early historic subsistence patterns along the north Gulf of Alaska coast.
- 2001 Hill, Matthew. Paleoindian diet and subsistence behavior on the northwestern Great Plains of North America.
- 2016 Gurto, Alia. Dental microwear texture analysis of Early Pleistocene hominin prey: A test of foraging seasonality.

CURRENT GRADUATE STUDENT ADVISEES (Ph.D. research topics)

- 2013 Boyden, Alina (Evolution of projectile weaponry in the Pleistocene)
- 2013 Sarathi, Akshay (Evolution of seafaring and maritime economies along the Swahili coast of East Africa, Zanzibar)
- 2016 Velasco, Adriana (Middle & Later Stone Age subsistence adaptations in the Cape region, South Africa)

SERVICE AT THE UNIVERSITY OF WISCONSIN-MADISON

Graduate School Fellowship Committee, 1996-97

Chair, Graduate School Fellowship Committee, 1997-98

Chair, Department of Anthropology, 1996-2000

Archaeology Section Head, Department of Anthropology, multiple years

Director of Graduate Studies, Department of Anthropology, multiple years

Chair, Merit and Budget Committee, Department of Anthropology, multiple years

Chair, Admissions and Awards Committee, Department of Anthropology, multiple years