

**BRUCE LINDSEY HARDY**

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Olof Palme House  
Kenyon College  
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1390 Gambier Road  
Mount Vernon, OH 43050  
U.S.A.

**PERSONAL**

Born: July 6, 1966, Birmingham, Alabama  
Marital status: Married

**PROFESSIONAL INTERESTS**

Anthropology, Paleoanthropology, Archaeology, Human Evolution, Human Ecology

**EMPLOYMENT HISTORY**

2015-present Keyon College, Professor, Department of Anthropology  
2015-2019 John B. McCoy-Banc One Distinguished Teaching Chair  
2008-2015 Kenyon College, Associate Professor, Department of Anthropology  
2004-2008 Kenyon College, Assistant Professor, Department of Anthropology  
2001-2004 Grand Valley State University, Assistant Professor, Department of Anthropology  
1999-2001 Grand Valley State University, Visiting Assistant Professor, Department of Anthropology  
1998-1999 Miami University, Ohio, Visiting Assistant Professor, Department of Sociology, Gerontology, and Anthropology  
1996-1998 Kenyon College, Visiting Assistant Professor, Department of Anthropology and Sociology  
1994-1996 Indiana University, Post-doctoral Fellow, Indiana Institute for Molecular and Cellular Biology and CRAFT Human Origins Research Center

**EDUCATION**

December 1994-Ph.D. in Anthropology, Indiana University  
June 1991-M.A. in Anthropology, Indiana University  
May 1991-Ph.D. Candidate in Anthropology, Indiana University  
May 1988-B.A. with High Honors in Anthropology and French, Emory University  
Dissertation: Investigations of Stone Tool Function Through Use-wear, Residue, and DNA Analyses at the Middle Paleolithic Site of La Quina, France

**TEACHING EXPERIENCE- Courses Taught**

**Kenyon College 2004-present**

ANTH 111-Contemporary Humans  
ANTH 111-Introduction to Biological Anthropology  
ANTH 150- Science and Pseudoscience  
ANTH 191- Life along the Kokosing  
ANTH 320-Anthropology of Food  
ANTH 321- Evolution and Human Evolution  
ANTH 324- Human Ecology: Biocultural Adaptations  
ANTH 391- Ecological Anthropology  
ANTH 323- Bioarchaeology of Sub-Saharan Africa  
ANTH 465- History of Anthropological Thought  
ANTH 421- Neanderthals  
ENVS 253- Sustainable Agriculture  
ENVS 461- Senior Capstone in Environmental Studies

**Grand Valley State University 1999-2004**

Anthropological Theory  
Practicing Anthropology  
(Capstone Topics: Use and Misuse of Anthropology; Continuity and Change)  
Death, Burial and Culture  
Culture and Environment  
Introduction to Archaeology  
Human Origins  
Origins of Civilization  
Introduction to Cultural Anthropology  
Peoples of the World

**Miami University 1998-1999**

Perspectives on Culture (History of Anthropological Thought)  
Archaeological Theory and Method  
Archaeological Approaches to Biocultural Evolution  
Peoples of the World

**Kenyon College 1996-1998**

Archaeological Method and Theory  
Theory and Method in Archaeology: Biocultural Evolution  
Old World Prehistory: Africa  
Introduction to Archaeology  
Introduction to Cultural Anthropology

**Indiana University 1989-1996**

Microbiology Laboratory  
Human Origins and Prehistory Culture and Society  
College for Gifted and Talented Youth

**Koobi Fora Field School 1990**

Lithics and Archaeology Instructor

**Summer Science Projects**

Meg Ellingwood- Attitudes towards local foods at the Mount Vernon Farmers' Market

Andrea Evans and Ryan Scheck- Neanderthal Projectile Project (2017)

Clay Whiteheart- Making clothing with wooden needles (2016)

Sean Deryck, Rocks and Residues: Rekindling the Past (2015)

Joseph Walsh, Sticking with it: Investigating Neanderthal mastics and their signatures (2014)

Rhiannon Suggs, Neanderthal String Theory: Investigating the Potential Role  
Of Cordage through Experimental Archaeology (2013)

Hannah Smith, Preliminary Analysis of Dental Calculus from Viking Age Iceland: Implications  
for Reconstructing Diet and Lifeways (2012)

Nick Lehn, Big Game or Small Plants? Assessing The Role of Plants in the Neanderthal Diet  
via Microscopic Residue Analysis of Flint Tools (2011)

Kushal Rao, Dispelling the Meat-Dominated Myth: Alternative Food Sources in the Neanderthal  
Diet (2010)

Rebecca Warren, The Characterization of Residues on Pounding Tools: An Avenue For  
Identification in the Archaeological Record (2008)

Allegra Fety, Nutritional Assessment of Preschoolers in Rural Ohio: Biological Investigations  
into Dietary Implications of Economically Disadvantaged Children (2007)

John Compton, Experimental Investigations of Mesoamerican Obsidian Use (2006)

Micha Pino, Experimental Investigations of Root and Tuber Processing:  
Implications for Neanderthal Diet and Behavior (2005)

**AWARDS AND DISTINCTIONS**

2015-2019 John B. McCoy-Banc One Distinguished Teaching Chair

2013 Teaching Initiatives Grant, "Microscopic Equipment for Teaching Archaeological Research  
Methods", with Kimmarie Murphy

2011 Labalme Faculty Development Grant- "Too cold to survive? Did climate change lead to  
Neanderthal extinction?"

2011 Teachers Teaching Teachers Grant- "Crossroads Summer Seminar: The Origins of  
Racism" with Jonathan Tazewell

2010 Labalme Faculty Development Grant- "Climatic Variability and Adaptation: Investigating  
Causes of Neanderthal Extinction, Research in Paris, France"

2009 Teaching Initiatives Grant, "Making Neanderthals Real: The American Museum of Natural  
History Neanderthal Reconstruction", with Kimmarie Murphy

2008 L.S.B. Leakey Foundation Grant "Stone Tool Function and Behavioral Changes of  
Neandertals and Modern Humans in Southern Germany"

2007 Labalme Faculty Development Grant "Too Slow to Adapt? Assessing Neandertal and  
Modern Human Adaptations through Stone Tool Function"

**AWARDS AND DISTINCTIONS (cont.)**

2005 Labalme Faculty Development Grant (originally awarded as Kenyon Summer Stipend)

## Hardy-CV

- “Stone Tool Function and Behavioral Changes of Neandertals and Modern Humans in Southern Germany”
- 2003 GVSU Research and Development Grant- “Extraction and Characterization of Lipids Related to Stone Boiling from the Upper Paleolithic” with Blair Miller, Dept. of Chemistry
- 2003 Pew Faculty Teaching Development and Renewal Grant- A for participation in American Anthropological Association Meetings in Chicago, November 2003.
- 2002 Mentor for McNair Scholar, student Christa Herrygers, “A Comparative Analysis of Wood Residues on Experimental Stone Tools and Early Stone Age Artifacts: A Koobi Fora Case Study”
- 2002 Faculty Teaching and Learning Center, PEW Technology Enhancement Award, “Experiential Teaching Materials for Archaeology and Biological Anthropology (with Kimmarie Murphy)
- 2002 Wenner-Gren Anthropological Foundation Research Grant, “An Integrated Methodology for Assessing the Division of Labor at the Upper Paleolithic Site of Vale de Óbidos, Portugal”, (Paul Thacker, Louisiana State University, P.I., Bruce Hardy, Lithic Analyst)
- 2001-2002 Nominated for Outstanding Teacher Award, Grand Valley State University
- 2001 Faculty Teaching and Learning Center, Technology Development & Renewal Grant, “Digital Imaging and Analysis for Teaching in the Field and Classroom” (with Russ Rhoads)
- 2000 Faculty Teaching and Learning Center, Pew Technology Enhancement Award, “Enhancement of Film Teaching Resources for Anthropology” (with Kimmarie Murphy)
- 1998 Faculty Supervisor, Undergraduate Research Award, “Plant foods in high latitude environments: Implications for Neanderthal Subsistence”, Student-Maria Kriz, Miami University
- 1998 Faculty Development Grant, Kenyon College, Paleoanthropology Society and Society for American Archaeology Meetings
- 1997 Faculty Development Grant, Kenyon College, “Stone tool function in the Paleolithic and Mesolithic of the Czech Republic”
- 1994-96 Post-doctoral Fellowship, Center for Research into the Anthropological Foundations of Technology and Indiana Institute for Molecular and Cellular Biology, Indiana University
- 1993-94 Stephen J. and Dagmar K. Riley Dissertation Year Fellowship, College of Arts and Sciences, Indiana University
- 1992 July L.S.B. Leakey Foundation General Research Grant, "DNA Analysis from Organic Residues: Inferences of Stone Tool Function"
- 1992 Research and the University Graduate School Research and Equipment Grant, (with Nicholas Toth)
- 1991 CRAFT Research, Research and the University Graduate School

### **AWARDS AND DISTINCTIONS (cont.)**

- 1990 Skomp Summer Fieldwork Grant, Indiana University "Investigations of Tool Function in the Early Stone Age of Kenya"

1990 CRAFT Research, Research and the University Graduate School  
1989 CRAFT Research, Research and the University Graduate School  
1988-89 Skomp/University Fellowship, Indiana University

## PUBLICATIONS

- Hardy, B.L., Moncel, M., Kerfant, C. *et al.* Direct evidence of Neanderthal fibre technology and its cognitive and behavioral implications. *Sci Rep* **10**, 4889 (2020).  
<https://doi.org/10.1038/s41598-020-61839-w>
- Daujeard, C., Vettese, D., Britton, K., Béarez, P., Boulbes, N., Crégut-Bonnoure, E., Hardy, B. ... & Allué, E. (2019). Neanderthal selective hunting of reindeer? The case study of Abri du Maras (south-eastern France). *Archaeological and Anthropological Sciences*, 1-27.
- Hardy, Bruce L., et al. "Middle Pleistocene hominin behavior at the 700ka Acheulean site of la Noira (France)." *Quaternary Science Reviews* 199 (2018): 60-82.
- Moncel, M. H., Despriée, J., Voinchet, P., Courcimault, G., Hardy, B., Bahain, J. J., ... & Falguères, C. (2016). The Acheulean workshop of la Noira (France, 700 ka) in the European technological context. *Quaternary International*, 393, 112-136.
- Antoine, P., Moncel, M. H., Limondin-Lozouet, N., Loch, J. L., Bahain, J. J., Moreno, D., Hardy, B.... & Bello, S. M. (2016). Palaeoenvironment and dating of the Early Acheulean localities from the Somme River basin (Northern France): New discoveries from the High Terrace at Abbeville-Carrière Carpentier. *Quaternary Science Reviews*, 149, 338-371.
- Marie-helene Moncel, Dr; Jackie Despriée, Conservator; Pierre Voinchet; Gilles Courcimault; Bruce Hardy; Jean-Jacques Bahain; Simon Puaud; Xavier Gallet; Christophe Falguères. (2015) The Acheulean workshop of la Noira (France, 650 ka) in the European technological context. *Quaternary International* 1-25.
- Rots, V., Hardy, B. L., Serangeli, J., & Conard, N. J. (2015). Residue and microwear analyses of the stone artifacts from Schöningen. *Journal of human evolution*, 89, 298-308.
- Julien, M. A., Hardy, B., Stahlschmidt, M. C., Urban, B., Serangeli, J., & Conard, N. J. (2015). Characterizing the Lower Paleolithic bone industry from Schöningen 12 II: A multi-proxy study. *Journal of human evolution*, 89, 264-286.
- Moncel, M. H., Chacón, M. G., La Porta, A., Fernandes, P., Hardy, B., & Gallotti, R. (2014) Fragmented reduction processes: Middle Palaeolithic technical behaviour in the Abri du Maras shelter, southeastern France. *Quaternary International*, 350, 180-204.
- Hardy, B.L., Moncel, M-H., Daujeard, C., Fernandes, P., Béarez, P., Desclaux, E., Chacon Navarro, M.G., Puaud, S., and Galotti, R. (2013). Impossible Neanderthals? Making string, throwing projectiles and catching small game during Marine Isotope Stage 4 (Abri du Maras, France). *Quaternary Science Reviews*.  
<http://dx.doi.org/10.1016/j.quascirev.2013.09.028>
- Raynal, J-P., Moncel, M-H., Daujeard, C., Hardy, B.L., et al. (2013) Néanderthaliens sur les marges du sud-est du Massif central. Espaces et subsistence au Paléolithique moyen: Nouvelles données dans le cadre d'un projet collectif de recherché. *Ardèche*

## PUBLICATIONS (cont.)

- Archéologie* 30:4-14.
- Hardy, B.L., and Moncel, M-H. (2011) Neanderthal Use of Fish, Mammals, Birds, Starchy Plants and Wood 125-250,000 years ago. *PLoS One* 6(8): e23768. doi:10.1371/journal.pone.0023768.
- Hardy, B.L. (2010) Climatic variability and plant food distribution in Pleistocene Europe: Implications for Neanderthal diet and subsistence. *Quaternary Science Reviews* 29: 662- 679.
- Hardy, B. L. (2010) Functional Analysis of Stone Tools from BLM Project – Landis Property in the Texas Panhandle (Sites 41PT186 and 41PT185/C). In *Landis Property: Data Recovery at Three Prehistoric Sites (41PT185, 41PT186, and 41PT245) in Potter County, Texas*, by J. M. Quigg, C. D. Frederick, P. M. Matchen, and K. G. DuBois, TRC Technical Report 150832.
- Haslam, M. Hernandez-Aguilar, A., Ling, V., Carvalho, S., de la Torre, I., DeStefano, A., Du, A., Hardy, B., Harris, J., Marchant, L., Matsuzawa, T., McGrew, W., Mercader, J., Mora, R., Petraglia, M., Roche, H., Visalberghi, E., and **Warren, R.** (2009) Primate Archaeology. *Nature* 460(16):339-344. **\*\*Kenyon Summer Science Student\*\***
- Hardy, B.L. and Svoboda, J. (2009) Mesolithic Stone Tool Function and Site Types in Northern Bohemia, Czech Republic. In M. Haslam, G. Robertson, A. Crowther, L. Kirkwood, and S. Nugent (Eds.), *Archaeological Science Under A Microscope: Studies in Residue and Ancient DNA Analysis in Honour of Tom Loy*. University of Queensland Press, pp. 159-174.
- Hardy, B.L. (2009) Understanding Stone Tool Function: Methods and Examples from the Aurignacian Levels at Hohle Fels. *Mitteilungen der Gesellschaft für Urgeschichte* 18:109-121.
- Hardy, B. L., Bolus, M. and Conard, N.J. (2008) Hammer or crescent wrench? Stone tool form and function in the Aurignacian of Southwest Germany. *Journal of Human Evolution* 54:648-662.
- Hardy, B.L. (2008) Results of Microscopic use-wear and Residue Analysis from the Varga Site 41ED28, Texas. In *The Varga Site: A Multicomponent, Stratified Campsite in the Canyonlands of Edwards County, Texas*, by J. M. Quigg, J. D. Owens, P. M. Matchen, G. D. Smith, R. A. Ricklis, M. C. Cody, and C. D. Frederick, Vol. II:777-819. TRC Environmental Corporation, TRC Technical Report No. 35319, and Texas Department of Transportation, Archeological Studies Program, Report No. 110.
- Hardy, B.L. (2006) Comment on “The Missing Mousterian” by Harold Dibble and Shannon McPherron. *Current Anthropology* 47:777-803.
- Hardy, B.L. (2006) Microscopic residue and use-wear analysis of artifacts from the Whitehurst Site (51NW117), Feature 283. In D.A. Knepper, J.M. Rutherford, D.R. Hayes, C. Shields, and C. Bowen (Eds.) *The Archaeology of an Urban Landscape, The Whitehurst Freeway Archaeological Project, Volume II: Historic Sites*. District of Columbia Department of Transportation, Appendix K.
- Hardy, B.L. (2004) Neanderthal Behaviour and Stone Tool Function at the Middle

- Paleolithic Site of La Quina, France. *Antiquity* 78:547-565.
- Hardy, B.L. (2004) Comment on “The Invention of Technology: Prehistory and Cognition”, by Sophie A. de Beaune. *Current Anthropology* 45(2):152-153.
- Hardy, B.L. (2003) Desolate Landscapes: Ice-Age Settlement in Eastern Europe, Book Review. *Quarterly Review of Biology* 78:88-89.
- Hardy, B.L. (2003) Residue and Use-wear Analysis of Lithic Artifacts from the Mesa Site (KIR 102), Samples 1-3. In *The Mesa Site: Paleoindians above the Arctic Circle*. Eds. M. Kunz, M. Bever, and C. Adkins. BLM-Alaska Open File Report 85, BLM/AK/ST-02/004+8100+02.
- Hardy, B.L. (2002) Results of Microscopic Use-wear and Residue Analyses from Site 41WB557, Texas. In *The Boiler Site (41WB557): Utilization of an Upland Setting over the Last 4200 Years, Webb County, Texas*. Eds. M. Quigg, S. Pritchard, and G. Smith. TRC Technical Report 27277, TRC Mariah Associates Inc. & Texas Dept. of Transportation, Environmental Affairs Division, Archaeological Studies Report #45, Austin.
- Schroeder, Eric A.(2002) Archeological Investigations at the Armstrong Site: 41CW54, Caldwell County, Texas, Volume 2. with appendices by: Linda Scott-Cummings, Phil Dering, Bruce Hardy, Amy Junila, Mary Malainey, and Barbara Winsborough. Paul Price Associates, Inc., Austin.
- Hardy, B.L. (2002) Applying Evolutionary Archaeology: A Systematic Approach, Book Review. *American Antiquity* 67(2):374-375.
- PUBLICATIONS (cont.)**
- Hardy, B.L., Kay, M., Marks, A.E., and Monigal, K. (2001) Stone tool function at the paleolithic sites of Starosele and Buran Kaya III, Crimea: Behavioral Implications. *Proceedings of the National Academy of Sciences, USA*. 98(19):10972-10977.
- Kimura, B., B.L. Hardy, W. Hauswirth, and S. Brandt (2001) Analysis of DNA from Ethnoarchaeological Stone Scrapers. *Journal of Archaeological Science* 28:45-53.
- Hardy, B.L. (1999) Microscopic residue analysis of stone tools from the Middle Paleolithic site of Starosele, Crimea, Ukraine. In K. Monigal and V. Chabai (eds.) *The Middle Paleolithic of the Western Crimea, Vol. 2. Études et Recherches Archéologiques de l'Université de Liège*, pp.179-196.
- Hardy, B.L. and Kay, M. (1999) Stone tool function at Starosele: Combining use-wear and residue analyses. In K. Monigal and V. Chabai (eds.) *The Middle Paleolithic of the Western Crimea, Vol. 2. Études et Recherches Archéologiques de l'Université de Liège*, pp. 197-209.
- Hardy, B.L. (1999) Preliminary Results of Residue and Use-wear Analyses of Stone Tools from Two Mesolithic Sites, Northern Bohemia, Czech Republic. *Archaeologické Rozhledy* 51:274-279.
- Hardy, B.L., and G. Garufi (1998) Identification of Woodworking on Stone Tools through Residue Analysis: Experimental Results. *Journal of Archaeological Science* 25:177-184.
- Kay, M. and Hardy, B.L. (1998) Middle Paleolithic hafted stone tools from Starosele, Western Crimea. In M. Otte (ed.) *Préhistoire d'Anatolie: Genèse de Deux Mondes*. Liège: ERAUL 85, pp.319-328.

## Hardy-CV

- Hardy, B.L., V. Raman, and R.A. Raff (1997) Recovery of Mammalian DNA from Middle Paleolithic Stone Tools. *Journal of Archaeological Science* 24(7):601-611.
- Hardy, B.L. (1997) The Neanderthal Legacy: An Archaeological Perspective from Western Europe, Book Review. *American Antiquity* 62(1):165-166.
- Fullagar, R., J. Furby, and B.L. Hardy (1996) Residues on Stone Artefacts: State of a Scientific Art. *Antiquity* 70:740-745.
- Hardy, B.L. (1993) *Anthropology A105: Human Origins and Prehistory, A Learning Guide*. Division of Continuing Studies. Bloomington: The Trustees of Indiana University.
- Loy, T.H. and B.L. Hardy (1992) Blood Residue Analysis of 90,000-Year-Old Stone Tools from Tabun Cave, Israel. *Antiquity* 66:24-35.

## PRESENTATIONS

- María Gema CHACÓN, Delphine VETTESE, Camille DAUJEARD, Florent RIVALIS, Paul FERNANDES, Anne PIKE-TAY, Rosalia GALLOTTI, Bruce HARDY, Marie-Hélène MONCEL. 2015. Dissecting palimpsests and events of activity through lithic and faunal refits in karst systems during the Middle Paleolithic: the layer 4 of the Maras rockshelter (Ardèche, France). 57th Annual Meeting of the Hugo Obermaier Society
- Suggs, D., Schortman, E., Urban, P., Hardy, B.L., Murphy, K., Pack, S., and Mendonca, M. (2013) Liberal Arts and Four Field Anthropology. Paper presented at American Anthropological Associations Meetings, Chicago, Nov. Juried forum.
- Moncel, M-H., Despriée, J., Voinchet, P., Courcimault, G., Gallet, X., Bahain, J-J., Hardy, B.L., Falguères (2013) An Acheulean workshop at la Noirasite at 700 ka, Brinay (Centre region, France). Paper presented at the European Society of Human Evolution meetings. Vienna, Austria. Juried Forum.
- Hardy, B.L., Rots, V., Serangeli, J., Conard, N. (2012) Wood, bone, ivory and stone: Middle Pleistocene tool use in Northern Europe. Paper presented at the Society for American Archaeology meetings, Memphis, April. Juried forum.
- Hardy, B.L., Serangeli, J., Conard, N. (2011) Microscopic Analysis of Wooden, Bone, Ivory and Stone Artifacts from Schöningen 12 and 13. Poster presented at Hugo Obermaier Society meetings, Hannover, Germany.
- Hardy, B.L. (2010) You don't need a grapefruit spoon to eat a grapefruit: Stone tool use in the Aurignacian and Middle Paleolithic of the Swabian Jura. Paper presented at the Society for American Archaeology Meetings, St.Louis, April. Juried forum.
- Hardy, B.L., Bolus, M., Conard, N. (2009) How different were Neanderthals? Stone Tool Function in the Middle and Upper Paleolithic of Hohle Fels. Paper presented at the Paleoanthropology Society Meetings, Chicago. Juried forum.
- Hardy, B.L. (2008) The Characterization of Residues on Pounding Tools: An Avenue for Identification in the Archaeological Record. Invited Lecture for Paleoanthropology Meets Primatology 2, Leverhulme Centre for Human Evolutionary Studies, University of Cambridge.
- Hardy, B.L. (2007) Not by Meat Alone: The Potential Role of Underground Storage



## Hardy-CV

- Organs in Neanderthal Diet. Paleoanthropology Society Meetings, Philadelphia, PA. Juried forum.
- Hardy, B.L., M. Bolus and N. Conard. (2006) Hammer or Crescent Wrench? Stone Tool Form and Function in the Aurignacian of Southwest Germany. Paper presented at the Paleoanthropology Society Meetings, San Juan, Puerto Rico. Juried forum.
- Hardy, B. (2004) Residue Analysis and Stone Tool Function at the Upper Paleolithic Site of Vale de Obidos, Portugal. Paper presented at Society for American Archaeology Meetings, Montreal, Canada, April 2004. Juried forum.
- Herrygers, C., B. Hardy, and M. Rogers (2003) A Comparative Analysis of Wood Residues on
- PRESENTATIONS (cont.)**
- Experimental Stone Tools and Early Stone Age Artifacts: A Koobi Fora Case Study. Society for American Archaeology Meetings, Milwaukee, WI, 2003. Juried forum.
- Hardy, B.L. and M.J. Rogers (2001) Microscopic Investigation of Stone Tool Function from Okote Member Sites, Koobi Fora, Kenya. Paleoanthropology Society Meetings, Kansas City, MO. Juried forum.
- Hardy, B.L. and J. Brashler (2000) Stone Tool Function and Subsistence activity at the Prison Farm Site (20IA58), A Middle Woodland Site in Michigan. Paper presented at Society for American Archaeology Meetings, Philadelphia, PA. Juried forum.
- Hardy, B.L. and M. Kay (1999) New Evidence for Reconstructing Neanderthal Subsistence: Functional Analysis of Stone Tools from the Middle Paleolithic of the Crimea, paper presented at the Paleoanthropology Society Meetings, Columbus, OH. Juried forum.
- Hardy, B.L. and K.A. Murphy (1998) Stop and Think Before You Wash: The Effects of Washing and Curation on Stone Tool Residue Analysis. Paper presented at the Society for Africanist Archaeology Meetings, Syracuse, NY, May 22-25. Juried forum.
- Kay, M. and B.L. Hardy (1998) Pointing with a Purpose: Middle Paleolithic Hafted Stone Tools from Starosele, Western Crimea. Paper presented at Society for American Archaeology Meetings, Seattle, WA, March 25-29. Juried forum.
- Hardy, B.L. (1997) Interpreting Hominid Behavior and Stone Tool Function. Invited Lecture, Institut für Ur- und Frühgeschichte, Universität zu Köln, Germany.
- Hardy, B.L. (1997) Ancient DNA and Paleolithic Stone Tools. Invited Lecture, presented at the Ancient DNA Conference IV, Göttingen, Germany.
- Hardy, B.L. (1997) Evidence for plant-processing at the Middle Paleolithic Site of Starosele, Crimea. Paleoanthropology Society Meetings, St. Louis, Missouri. Juried forum.
- Hardy, B.L. (1997) Stone Tool Residue Analysis and Prehistoric Behaviors. Invited Lecture, Dept. of Anthropology, Univ. of Arkansas-Fayetteville, Fayetteville, AR.
- Hardy, B.L. (1996) Archaeological Applications of Molecular Identification. Invited Lecture, American Association of Clinical Chemistry Meetings, Chicago, IL.
- Hardy, B.L. (1996) Investigations of Stone Tool Function through Use-wear, Organic Residue, and DNA Analysis. Paper presented at 30th International Symposium on Archaeometry, Champaign-Urbana, IL. Juried forum.
- Hardy, B.L. (1996) Use-wear and Residue Analysis of Ethnoarchaeological End-scrapers from Southern Ethiopia: Implications for Archaeological Research. Paper presented at the Society for American Archaeology Meetings, New Orleans, LA. Juried forum.

## Hardy-CV

Kimura, B., and B.L. Hardy (1996) Recovery of DNA from Ethnoarchaeological Stone Tools from Southern Ethiopia. Paper presented at the Society for American Archaeology Meetings, New Orleans, LA. Juried forum.

Hardy, B.L. (1995) Functional Analysis of Stone Tools at the Middle Paleolithic Site of La Quina, France. Poster presented at the Society for American Archaeology Meetings, Minneapolis, MN. Juried forum.

Hardy, B.L. and K.A. Murphy (1994) Starch Residues on Stone Tools from the Later Stone Age Site of Gwisho Springs, Zambia: Implications for Tool Use. Paper

### **PRESENTATIONS (cont.)**

presented at the Society of Africanist Archaeology Meetings, Bloomington, IN. Juried forum.

Hardy, B.L. (1991) Residue Analysis of Stone Tools. Invited lecture, CRAFT Bag Lunch Series.

Hardy, B.L. (1989) La Quina, New Approaches to Site Mapping through Computers. Invited lecture, CRAFT Bag Lunch Series.

Hardy, B.L. (1988) The Archaeology of Language. Paper presented at the Southeastern Anthropological Society Meetings, Atlanta, GA. Juried forum.

### **Technical Editing**

Served as Technical Editor for:

Meier, R.J. (2003) *The Complete Idiot's Guide to Human Prehistory*. Alpha: Indianapolis.

### **COLLEGIATE SERVICE**

2013-present Member, BFEC Advisory Panel

2013-2014 Chair, Tenure and Promotion Committee

2011-2012 Member, Tenure and Promotion Committee

2010-2011 Co-director (with Jonathan Tazewell) Crossroads Faculty Group

2011-present Anthropology representative for Summer Science Selection

2008-2011 Chair, Department of Anthropology

2007-present Coordinator of Kenyon-OEFFA Ecological Agriculture certificate program

2005-2008 Member, Faculty Affairs Committee

### **GRANT AND ARTICLE REVIEWS (since tenure review)**

National Science Foundation

Journal of Anthropological Archaeology

Journal of Archaeological Science

Journal of Human Evolution

PLoS One

Proceedings of the National Academy of Sciences

Quartar

Quaternary Science Reviews

### **LANGUAGE SKILLS**

1989-1992- Studies in Chichewa, written and spoken proficiency

1988-1991- Studies in Kiswahili, written and spoken proficiency

1984-1988- Studies in French, Bachelor of Arts Degree, written and spoken fluency

### **PROFESSIONAL AFFILIATIONS**

American Association of Physical Anthropologists

Paleoanthropology Society

Society for American Archaeology

### **PROFESSIONAL EXPERIENCE**

June 2014 Analysis of Acheulean tools from La Noira, Quincy, France.

July 2013 Analysis of Acheulean tools from La Noira, Quincy, France.

January 2012 Analysis of Middle Paleolithic stone tools from Maras, Ardeche, Rhone, France.

January 2011 Analysis of Middle Paleolithic stone tools from Maras, Ardeche, Rhone, France.

Summer 2010 Analysis of stone, bone, wooden and ivory artifacts from Schoeningen, Germany.

Summer 2008- Microscopic Analysis of Early Upper Paleolithic Tools from the Ach Valley, Germany.

Fall 2007- Microscopic analysis of Middle Paleolithic tools from Payre, France

Summer 2005- Microscopic Analysis of Early Upper Paleolithic Tools from the Ach Valley, Germany.

Summer 2002- Fieldwork/Analysis of the Upper Paleolithic Site of Vale de Óbidos, Portugal, in collaboration with Dr. Paul Thacker, Louisiana State University

Summer 2000- Excavation/analysis of Okote Member Sites, Koobi Fora, Kenya in collaboration with Dr. Michael Rogers, Southern Connecticut State University

Fall 1999- Excavation/Analysis of human skeletal materials, Ottawa County, Michigan

Summer 1997- Fieldwork/analysis of Mesolithic stone tools from Northern Bohemia, Czech Republic, in collaboration with Dr. Jiri Svoboda

Fall 1992-1998 - Research and training in molecular biology techniques of ancient DNA recovery and analysis, Indiana Institute for Molecular and Cellular Biology, Indiana University

Summer 1992 - Fieldwork/Analysis of stone tools from the Middle Paleolithic site of La Quina, France; Directors: Arthur Jelinek, University of Arizona  
Andre Debénath, University of Bordeaux

Summer 1991 - Research in DNA extraction and identification from the surfaces of stone tools with Rebecca Cann, Department of Genetics and Molecular Biology, University of Hawaii at Manoa

Summer 1990 - Lithics Instructor with Koobi Fora Paleoanthropological Field School, National Museum of Kenya and Harvard Summer School  
Flintknapping, Lithic Analysis, Lithic Typology, Survey, Excavation of Jarigole Stone Pillar Site (Neolithic), Survey for Stone Tool Cut Marks, Taphonomic Experiments  
Directors: Harry Merrick, M.I.T., Craig Feible, University of Utah

Summer 1989 - Research in Residue Analysis with Tom Loy, Department of Prehistory, Research School of Pacific Studies, Australian National University

June-July 1988- Archaeology- 5 weeks- La Quina, France, Middle Paleolithic  
Excavation, EDM and Computer Mapping of Artifacts, Laboratory Analysis

## Hardy-CV

- Directors: Arthur Jelinek, University of Arizona  
Andre Debénath, University of Bordeaux
- May-August 1987- Cultural Resource Management- North Florida, Paleoindian through Historic  
Survey, Excavation, Stratigraphy, Mapping  
Director: Robert E. Johnson- Archaeological Consultant
- June-July 1986- Koobi Fora Paleoanthropological Field School, Kenya
- PROFESSIONAL EXPERIENCE (cont.)**
- National Museum of Kenya and Harvard Summer School  
Lower Paleolithic, Neolithic; Survey, Excavation, Stratigraphy, Faunal Identification, Transit  
Operation, Lithic Analysis, Ecological Survey
- Directors: Harry Merrick, Massachusetts Institute of Technology  
Craig Feible, University of Utah
- July-August 1985- Archaeology- Manching, West Germany  
Emory University, Western Michigan University, Consortium for Astro-Bavarian Studies  
Celtic Oppidum  
Excavation, Mapping, Stratigraphy  
Director: Helmut Bender- Consortium of Astro-Bavarian Studies
- July 1984- Paleontology and Archaeology- Florence, Alabama  
Alabama Museum of Natural History and Red Mountain Museum  
Pleistocene Paleontology, Woodland Archaeology  
Excavation, Mapping  
Directors: Gordon Bell- Red Mountain Museum  
John Hall- Alabama Museum of Natural History
- June-July 1983- Paleontology- Greene County, Alabama  
Alabama Museum of Natural History and Red Mountain Museum  
Cretaceous Paleontology  
Survey Team Leader, Excavation, Mapping, Laboratory Analysis  
Directors: Gordon Bell- Red Mountain Museum  
John Hall- Alabama Museum of Natural History
- June-July 1982- Paleontology- Dallas County, Alabama  
Alabama Museum of Natural History and Red Mountain Museum  
Cretaceous Paleontology  
Survey, Excavation, Mapping, Laboratory Analysis  
Archaeology- Dallas County, Alabama, Mississippian Period  
Excavation, Mapping, Laboratory Analysis  
Directors: Gordon Bell- Red Mountain Museum  
John Hall- Alabama Museum of Natural History
- June-July 1981- Paleontology- 4 weeks- Greene County, Alabama  
Cretaceous Paleontology  
Survey, Excavation, Mapping, Laboratory Analysis  
Directors: Gordon Bell- Red Mtn. Museum, John Hall- Ala. Mus. of Nat'l History
- July 1980- Archaeology- Hale County, Alabama  
Mississippian Period; Excavation, Mapping, Laboratory Analysis  
Director: John Hall- Alabama Museum of Natural History

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