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Andrew P. Bradbury, MA, RPA	Principal Investigator, Lithic Specialist	
Availability: Immediate **Email:** apbradbury@crai-ky.com	**Specific Duties:** • Supervise fieldwork • Lithic Analysis • Report Preparation	**Education and Training:** • M.A., anthropology/archeology, University of Tennessee, Knoxville, Tennessee • B.A., anthropology/archeology, University of Tennessee, Knoxville, Tennessee

Experience Summary Information		
Principal Investigator Cultural Resource Analysts, Inc. 1994 – present	**Lithic Analyst** 1984 – present	**Field Director** Transportation Center at the University of Tennessee 1989 – 1994

Mr. Bradbury is one of a team of full-time survey and excavation personnel. His duties encompass all aspects of seeing these projects through to completion. These responsibilities include the initial fieldwork, laboratory analysis, and final report preparation. He also serves as principal investigator on various projects. Since 1981, Mr. Bradbury has participated in field research in Delaware, Kentucky, Pennsylvania, Tennessee, North Carolina, New Jersey, Illinois, West Virginia and Crete, having experience in both historic and prehistoric archeology. He regularly presents papers at regional and national conferences and has over 30 refereed publications. Mr. Bradbury's specialized skills include lithic analysis, low magnification micro-wear analysis, GIS, quantitative analyses (including spatial analysis methods), and computer programming.

Experience:

- Supervised or participated in over thirteen phase III archaeological investigations
- Served as lithic analyst and co-author on numerous phase II and III contract publications
- Completed analysis and report on a Woodland age rockshelter and Early Archaic age open site in Cumberland County, Kentucky
- Lithic analysis for 46Ka223, 46Ka350 and 46Ka352 associated with the Marmet Project.
- Lithic analysis for phases II and III excavation conducted for Argosy Lawrenceburg Casino Project
- Lithic analysis for phase III excavations conducted at the Hart Site, Lawrence County, Kentucky.
- Supervised more than 20 phase II National Register evaluations and over 30 phase I inventories.

Recent Projects:

- Principal Investigator for data recovery at site 11MG423 in Morgan County, Illinois.
- Principal Investigator of a multi-year project in Lewis and Clark Counties, Missouri. Fifty-five sites were tested/mitigated during the project.
- Principal Investigator for data recovery excavations at 15Hl58, Harlan County, Kentucky.
- Phase II archaeological testing of sites 15Lo16 and 15Lo207, Logan County, Kentucky.
- Phase II archaeological testing of sites 40Sw346, 40Sw347, 40Sw357 and 15Ch524 at

the Fort Campbell Military Installation, Christian County Kentucky and Stewart County, Tennessee.

- Phase III archaeological investigations at 15Cu27 and 15Cu31, Cumberland County, Kentucky
- An archaeological survey of portions of Training Areas 31,32, 33, 34 and 40 within the Fort Campbell Military Installation, Christian County, Kentucky and Stewart County, Tennessee
- A National Register evaluation of twelve sites in Adair, Cumberland and Metcalfe Counties, Kentucky.
- Phase II excavations at 40Ch162 in Cheatham County, Tennessee.
- Phase III excavations at 40Ho12, 40Ho13 and 40Ho15 in Houston County, Tennessee.

Selected Publications:

2009 Hits and Misses when Throwing Stones at Mass Analysis (with Philip J. Carr). *Journal of Archaeological Science.* 36(12):2788–2796.

2009 Early Archaic Raw Material Use Patterns in Tennessee (with Philip J. Carr). *Tennessee Anthropologist* 4(1–2):94–116.

2008 Raw Material and Retouched Flakes. *In Lithic Technologies: Measures of Production, Use, and Curation*, (with Philip J. Carr and D. Randall Cooper) edited by William Andrefsky, Jr., pp. 233-254. Cambridge University Press.

2008 Exploring Surface Collected Data with Spatial Analysis Methods (with Jessica L. Allgood, Jason M. Anderson, Michael D. Richmond, and Debora L. Rotman. *North American Archaeologist* 29(1):13-36.

2008 Spatial Analysis and Site Structure of the Early Archaic Occupation of the Hart Site (15La183), Lawrence County, Kentucky (with Steven D. Creasman). *Southeastern Archaeology* 27(1):31-44.

2007 Lithic Analysis of an Early Archaic Knapping Area. *Midcontinental Journal of Archaeology* 32(1):47-70.

2006 The Organization of Lithic Technology and the Bifurcate Occupation of the Hart Site (15La183), Lawrence County, Kentucky. *North American Archaeologist* 27(1):1-24.

2004 Combining Aggregate and Individual Methods of Flake Debris Analysis: Aggregate Trend Analysis (with Philip J. Carr). *North American Archaeologist* 25(1):65-90.

2004 Exploring Mass Analysis, Screens, and Attributes (with Philip J. Carr). In *Aggregate Analyses in Chipped Stone,* edited by C. T. Hall and M. L. Larson, pp. 21-44. University of Utah Press.

2004 A Preliminary Examination of Quantitative Methods for Classifying Small Triangular Points from Late Prehistoric Sites: A Case Study from the Ohio River Valley (with Michael D. Richmond). *Midcontinental Journal of Archaeology*, 29(1):43-62.

2003 A Method for Quantifying Size and Shape of Hafted Bifaces *Millennium* (with Philip J. Carr). In *Lithic Analysis at the Millennium*, Edited by N. Moloney and M. J. Shott, pp. 173-188. Institute of London, University College, London.

2001 Flake Debris Analysis, Levels of Production and the Organization of Technology (with Philip J. Carr). In *Lithic Debitage Analysis: Context, Form, Meaning*, edited by W. Andrefsky, Jr., pp 126-146. The University of Utah Press, Salt Lake City.

2001 Modern or Prehistoric: Experiments in Distinguishing Between Culturally and Mechanically Produced Chipped Stone Artifacts. *North American Archaeologist* 22(3):231-258.

2000 Flake Size From Platform Attributes: Predictive and Empirical Approaches (with M.J. Shott, G.H. Odell, and P.J. Carr). *Journal of Archaeological Science* 27(10): 877-894.

2000 Archaeological Investigations at the Gays Creek Shelter (15PE186). In *Current Archaeological Research in Kentucky: Volume 6*. Edited by David Pollack and Kristen Gremillion, pp. 59-75. Kentucky Heritage Council, Frankfort, Kentucky.

2000 Raw Material Variability, Package Size, and Mass Analysis (with Jay D. Franklin). *Lithic Technology* 25(1):62-78.

2000 Contemporary Lithic Analysis and Southeastern Archaeology (with Philip J. Carr).

Southeastern Archaeology, 19(2):120-134.

2000 Excavations at 15Cu27: a Rockshelter in South-Central Kentucky (with Jonathan P. Kerr and Grant L. Day). *Current Archeological Research in Kentucky*, in press.

2000 Flake Size From Platform Attributes: Predictive and Empirical Approaches (with M. J Shott, P. J. Carr, and G. H. Odell). *Journal of Archaeological Science* 27(10): 877-894.

1999 Excavations at 40Sw346, A Small Mississippian Site in The Western Highland Rim of Tennessee. *Tennessee Anthropologist* 24(1-2):46-59.

1999 Examining Stage and Continuum Models of Flake Debris Analysis: An Experimental Approach (with Philip J. Carr). *Journal of Archeological Science* 26(1):105-116.

1998 The Examination of Lithic Artifacts From An Early Archaic Assemblage: Strengthening Inferences Through Multiple Lines of Evidence. *Midcontinental Journal of Archeology* 23(2):263-288.

1998 Paleo-Indian and Archaic Settlement at Kentucky Lake (with Jonathan P. Kerr). *Tennessee Anthropologist* 23:1-20.

1997 The Bow and Arrow in the Eastern Woodlands: Evidence for an Archaic Origin. *North American Archaeologist* 18(3): 207-234.

1997 The Mississippian Occupation of the Pitts Site (40HO12) Houston County, Tennessee. *Tennessee Anthropological Association Newsletter* 22(1):1-11.

1996 An Early Holocene Occupation on the Harpeth River, Cheatham County, Tennessee (with Henry S. McKelway). *Tennessee Anthropologist* 21(1):1-30.

1995 Flake Typologies and Alternative Approaches: An Experimental Assessment (with Philip J. Carr). *Lithic Technology* 20(2):100-116.

1992 Excavations at the Pitts and Lockarts Chapel Sites and Description of the Wells Creek Phase. *Tennessee Anthropological Association Newsletter* 17(3):1-13.

Additional Training:

- Section 106, NEPA & 4 (f) Workshop, 2000
- “Section 106, NEPA and 4(f) in the New Regulatory Environment: A Workshop for Consultants and their Clients”(Dr. Lynne Sebastian, instructor)
- ArcView GIS (24 hrs); MicroStation (24 hrs); Adult CPR, First Aid and Bloodborne Pathogen; OSHA Competent Person: Excavation, Trenching and Shoring (8 hrs)