



cultural resource analysts, inc

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D. Randall Cooper, BA	Field Supervisor, Lithic Specialist	
<b>Availability:</b> Immediate <b>Email:</b> rcooper@crai-ky.com	<b>Specific Duties:</b> <ul style="list-style-type: none"> <li>• Report Cartography, using Geographic Information Systems (GIS) and Computer Aided Design and Drafting (CADD)</li> <li>• Lithic analysis</li> <li>• Database design</li> </ul>	<b>Education:</b> <ul style="list-style-type: none"> <li>• B.A., Anthropology, University of Tennessee, Knoxville</li> </ul>

<b>Experience Summary Information</b>
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<b>CADD/GIS Technician</b> Cultural Resource Analysts, Inc. 2012 – present	<b>Field Supervisor/Lithic Specialist</b> Cultural Resource Analysts, Inc. 2001 – present	<i>Staff Archaeologist</i> U.S. Department of Interior Bureau of Indian Affairs 1986 – 1996
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**Mr. Cooper** is a CAD/GIS specialist with over 30 years of experience in Cultural Resource Management. He began as an archaeological field and lab technician in 1982, then worked primarily as a field director and report author until 2012 when he joined the CRA CAD Department. His primary duties now consist of preparing map drawings, diagrams, and other documents using ArcGIS and AutoCAD. Additionally, he has experience in processing shapefiles, georeferencing aerial photographs and historic maps, and creating project wide digital cartography, including site schematics. Mr. Cooper also continues to design and maintain several CRA databases. These include analysis databases for several classes of historic and prehistoric artifacts, and a relational database system which integrates archaeological field data with artifact analysis data. Other specialized skills include lithic analysis and technical writing.

**Publications/Papers:**

Cooper, D. Randall

2012 Shifting Strategies in Chert Use from the Late Archaic to the Early Fort Ancient at Elk Fork in Eastern Kentucky. In *Contemporary Lithic Analysis in the Southeast: Problems, Solutions, and Interpretations*, edited by P.J. Carr, A.P. Bradbury, and S.E. Price, pp. 146–164. The University of Alabama Press, Tuscaloosa.

2005 An Overview and Comparison of Late Archaic Maple Creek Phase and Transitional Late Woodland/Early Fort Ancient Technologies at the Elk Fork Site (15Mo140) in Morgan County, Eastern Kentucky. Paper presented at the 22<sup>nd</sup> annual Kentucky Heritage Council Archaeological Conference. Lexington.

2003 Lithic Resource Abundance and Expedient Technology on Agattu Island. *Alaska Journal of Anthropology* 1(2).

Cooper, D. Randall and Richard L. Herndon

2004 Small Triangular Point Variation at the End of the Woodland Period in Eastern Kentucky: The View from Elk Fork (15Mo140). Presented at the 50<sup>th</sup> Midwest and 61<sup>st</sup> Southeastern Archaeological Conference. St. Louis, Missouri.

Cooper, D. Randall., and Brian C. King

2002 Phase I Investigation of a Prehistoric Ste. Genevieve Chert Source in Meade County,

Kentucky. Paper presented at the 19<sup>th</sup> Annual Kentucky Heritage Council Archaeological Conference. 10 March. Frankfort, Kentucky.

Bradbury, Andrew P. and D. Randall Cooper

2014 Middle Woodland Micro-Tools from the Carskadon Site, Lewis County, Missouri. *Missouri Archaeological Society Quarterly* 31(1):18-20.

Bradbury, Andrew P., Phillip J. Carr, and D. Randall Cooper

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.

2006 Raw Material Variation and Calculating the Original Mass of Retouched Flakes. Paper presented at the 71<sup>st</sup> Annual Meeting of the Society for American Anthropology. 28 April. San Juan, Puerto Rico.

Hoffman, Brian W., and D. Randall Cooper

2002 Flakes, Fried Eggs, and Doughnuts: Basalt Debitage Analysis Along the Aleutian Range. Paper presented at the 29<sup>th</sup> Annual Meeting of the Alaska Anthropological Association. 5 April. Anchorage.

King, Brian C., and D. Randall Cooper

2002 Phase II Investigation of Site 15HI58: A Multi-Component Prehistoric Site in Harlan County. Paper presented at the 19<sup>th</sup> Annual Kentucky Heritage Council Archaeological Conference. 9 March. Frankfort, Kentucky.

### **Additional Training:**

- HAZWOPER 40-Hour Training; Hazardous Waste Site Supervisor Training; Adult CPR, First Aid and Bloodborne Pathogen; Archaeological Curation and Collections Management (NPS); Native Americans and Historic Preservation Law.