



cultural resource analysts, inc

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<b>Jay W. Gray, MA</b>		<b>Director of Operations, Louisiana</b> <b>Principal Investigator, Lithic and Ceramic Specialist</b>	
<b>Availability:</b> Immediate <b>Email:</b> <a href="mailto:jwgray@crai-ky.com">jwgray@crai-ky.com</a> <b>RPA Registration ID:</b> 989602	<b>Specific Duties:</b> <ul style="list-style-type: none"> <li>Principal Investigator</li> <li>Project management</li> <li>Report preparation</li> <li>Proposal development</li> <li>Prehistoric artifact analysis</li> </ul>	<b>Education and Training:</b> <ul style="list-style-type: none"> <li>M.A., anthropology, University of Memphis, Memphis, Tennessee</li> <li>B.A., anthropology, Northwestern State University of Louisiana, Natchitoches, Louisiana</li> </ul>	

<b>Experience Summary Information</b>
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Principal Investigator	Project Manager/Field Director	Staff Archaeologist	Crew Chief/Graduate Assistant	Field Technician
Cultural Resource Analysts, Inc., Shreveport, Louisiana 2012 - present	TRC Environmental Corporation, Chapel Hill, North Carolina 2004 - 2012	Panamerican Consultants, Inc., Memphis, Tennessee 1997 - 2004	Chucalissa Museum, Memphis, Tennessee 1999 - 2001	Southeast Archaeological Center, National Park Service, Natchitoches, Louisiana 1996 - 1997

**Mr. Gray** serves as Director of Operations in CRA's Louisiana office, where he also serves as Principal Investigator, prehistoric specialist, and as lithic and ceramic analyst. He is experienced in both prehistoric and historic archaeology, and he has more than twenty years of archaeological experience in the Southeastern United States. He has participated in archaeological projects in Louisiana, Texas, Oklahoma, Arkansas, Mississippi, Missouri, Tennessee, Kentucky, Alabama, Georgia, and North Carolina. Mr. Gray is responsible for coordination with state and federal agencies and private sector clients; proposal development; technical writing of project reports; and management of field, laboratory, and office personnel.

**Phase I Representative Experience:**

Mr. Gray has participated in a number of large and small scale phase I survey, reconnaissance, and planning projects. Examples include the following:

- Principal Investigator, Year 1 – 3 Cultural Resource Studies for the Toledo Bend Project. Conducted for the Toledo Bend Project Joint Operations.
- Principal Investigator, Phase I Survey of 1,140 Acres, Fort Polk Land Purchase Program, Vernon Parish, Louisiana. Conducted for the National Park Service, Southeast District.
- Principal Investigator, Phase I Survey of 2,129 Acres, Fort Polk Land Purchase Program, Vernon Parish, Louisiana. Conducted for the National Park Service, Southeast District.
- Principal Investigator, Phase I Survey of 121 Acres, Tangipahoa Parish, Louisiana. Conducted for the Louisiana National Guard.
- Principal Investigator, Phase I Survey of 20 Readiness Centers, Acadia, Avoyelles, Caddo, Calcasieu, Iberia, Iberville, Jackson, Lafayette, Lafourche, Morehouse, Natchitoches, Ouachita, Pointe Coupee, Rapides, St. Martin, St. Landry, Tangipahoa, Terrebonne, and Vermillion Parishes, Louisiana. Conducted for the Louisiana National Guard.
- Principal Investigator. Phase I Survey, Cook Road Improvements from Petes Highway to Juban Crossing, Livingston Parish, Louisiana. 2016 - 2017. Completed for GHD, Forte & Tablada, and the LADOTD.

- Principal Investigator. Picardy Perkins Connector Project, East Baton Rouge Parish, Louisiana. 2016. Completed for C-K Associates, and the City of Baton Rouge.
- Principal Investigator. Old Hammond Highway Widening Project, East Baton Rouge Parish, Louisiana. 2015 - 2016. Completed for GHD, Forte & Tablada, and the LADOTD.
- Principal Investigator. Phase I Survey, Sugar House Road Reconstruction, Rapides Parish, Louisiana. 2013 – 2015. Completed for the Providence, the City of Alexandria, and the LADOTD.
- Principal Investigator. TEX Rail Mitchell Cemetery Geophysical and Cemetery Investigations, Tarrant County, Texas. 2015 – 2017. Completed for CH2M Hill, the Fort Worth & Western Railroad, and the Federal Transit Authority.
- Principal Investigator. Ed Lejeune Road Extension Survey, West Baton Rouge Parish, Louisiana (2015). Completed for Providence Engineering and the City of Baton Rouge.
- Field Director. Phase I Survey of the Proposed Extension of Houston Levee Road from Bailey Station to Winchester Road, Shelby County, Tennessee (2004). Completed for Bucharth-Horn, Inc.
- Project Manager, Phase I Survey of 1,021 Acres, Kisatchie National Forest Caney District, Claiborne Parish, Louisiana. Conducted for the United States Forest Service.
- Project Manager, Phase I Survey of 206 Acres, Kisatchie National Forest Catahoula District, Rapides Parish, Louisiana. Conducted for the United States Forest Service.
- Project Manager, Phase I Survey of 1,453 Acres, Kisatchie National Forest Catahoula District, Grant Parish, Louisiana. Conducted for the United States Forest Service.
- Project Manager, Phase I Survey of 1,099 Acres, Kisatchie National Forest Calcasieu District, Vernon Parish, Louisiana. Conducted for the United States Forest Service.
- Principal Investigator/Field Director, Phase I Survey of 285 Acres, Camp Minden Training Site, Webster Parish, Louisiana. Conducted for the Louisiana National Guard.
- Project Manager, Phase I Survey of 965 Acres, Fort Bragg, North Carolina. Conducted for USACE Wilmington District.
- Project Manager/ Co-Field Director, Phase I Survey of 2,345 Acres and NRHP Eligibility Testing of Two Sites, Fort Bragg, North Carolina. Conducted for USACE Savannah District.
- Project Manager, Phase I Survey of 3,430 Acres, Fort Bragg, North Carolina. Conducted for NPS Southeast District.
- Project Manager/ Field Director, Phase I Survey of 6,760 Acres, Fort Bragg, North Carolina. Conducted for NPS Southeast District.
- Field Director, Phase I Survey of 3,775 Acres, Fort Bragg, North Carolina. Conducted for NPS Southeast District.
- Field Director, Phase I Survey of 3,600 Acres, Fort Bragg, North Carolina. Conducted for NPS Southeast District.
- Field Director, Phase I Survey of 3,715 Acres, Fort Campbell, Tennessee and Kentucky. Conducted for NPS Southeast District.

**Phase II Representative Experience:**

Mr. Gray has participated in a number of National Register evaluations. Examples include the following:

- Principal Investigator/Field Director, Phase II NRHP Eligibility Testing of Site 22GR909 at the Camp McCain Training Center, Grenada County, Mississippi. Conducted for the Mississippi National Guard.
- Principal Investigator/Field Director, Phase II NRHP Eligibility Testing of Site 16OU3 in the City of Monroe, Ouachita Parish, Louisiana. Conducted for the Monroe Housing Authority.
- Principal Investigator/Field Director, Phase II NRHP Eligibility Testing of Site 16VN3562 in the Fort Polk Limited Use Area, Calcasieu Ranger District, Kisatchie National Forest. Conducted for the USFS.
- Project Manager/ Field Director, Phase II NRHP Eligibility Testing of Twelve Sites, Fort Bragg, North Carolina. Temporal Periods include Transitional/ Early, Middle and Late Archaic, Early through Late Woodland. Conducted for the USACE Wilmington District.
- Project Manager/ Field Director, Phase II NRHP Eligibility Testing of Eight Sites, Fort Bragg, North Carolina. Temporal Periods include Early, Middle and Late Archaic, Early through Late Woodland, Mississippian (Pee Dee), and 20th century historic. Conducted for the NPS Southeast Region.
- Project Manager/ Field Director, Phase II NRHP Eligibility Testing of Four Sites, Fort Bragg, North Carolina. Temporal Periods include Possible Paleoindian, Late Archaic, and Early through Late Woodland. Conducted for CERL.
- Field Director, Phase II NRHP Eligibility Testing of Fifteen Sites, Fort Bragg, North Carolina. Temporal Periods include Paleoindian, Transitional/ Early, Middle, and Late Archaic, and Early through Late

Woodland. Conducted for CERL.

- Crew Chief, Phase II testing of Civil War Era Earthworks at Grand Ecore (16NA178), Natchitoches Parish, Louisiana.

**Phase III Representative Experience:**

Mr. Gray has participated in a number of Phase III Mitigations in the southeast. Examples include the following:

- Project Manager/ Field Director, Phase III Data Recovery at Site 31CD1035 (Blackjack), Fort Bragg, North Carolina. Temporal Periods include Transitional Paleoindian to Early/Middle Archaic. Conducted for the USACE Savannah District.
- Project Manager/ Field Director, Phase III Data Recovery at Site 31CD1008 (McFadyen Pond), Fort Bragg, North Carolina. Temporal Periods include Transitional/ Early, Middle and Late Archaic, and Early through Late Woodland. Conducted for the USACE Savannah District.
- Crew Chief, Phase III Data Recovery of the Areas to be Impacted by 1999 Renovations at 40SY1 (Chucalissa), a Mississippian Mound Center and National Historic Landmark, Shelby County, Tennessee. Conducted for Clark-Dixon and Associates.
- Field Technician, Phase III Data Recovery of Site 1EE491 on the Alabama River, Elmore County, Alabama. Temporal Periods include Late Archaic and Middle Woodland. Conducted for the Alabama Department of Transportation.
- Field Technician, Phase III Data Recovery of Sites 23MI578, 23MI605, 23MI651, 23MI652, 23MI722, 23MI797, and 23NM561 in the New Madrid Floodway, Mississippi and New Madrid Counties, Missouri. Conducted for USACE Memphis District.
- Field Technician, Phase III Data Recovery and Phase II Testing of The Ridley Graveyard (40WM208), Williamson County, Tennessee.
- Field Technician, Phase III Data Recovery at Sites 3MS599 (Kochtitzky Ditch), 3MS600 (Perry Dixon) and 3MS 601 (John's Lake) in Mississippi County, Arkansas. Conducted for USACE Memphis District.

**Professional Papers Presented:**

**2017**

The Mission at Los Adaes in Landscape Perspective. Paper presented at the 9<sup>th</sup> Annual Louisiana Studies Conference, Northwestern State University, Natchitoches, Louisiana.

**2011**

Recent Archaeological Investigations in the Sandhills of North Carolina. Paper presented in symposium titled *Across the Border: An Archaeological and Environmental Discussion of the Sandhills Physiographic Province: A View from North and South Carolina* hosted by the North Carolina Archaeological Society, Weymouth Woods, Southern Pines, NC.

**2010**

Preliminary Results of Excavations at the Blackjack Site (31CD1035), Fort Bragg, North Carolina. Paper presented at the Fort Bragg Cultural Resources Management Program Office for regional researchers from multiple universities and state and federal agencies, followed by discussion and tour of the site.

**2007**

Paleoindian Occupation at Site 31CD1035, Fort Bragg, North Carolina. Paper presented in symposium titled Paleoindian Socioeconomics at the Southeast Archaeological Conference, Knoxville, TN.

**2001**

*A Guided Tour of Chucalissa Archaeology: Fifty-Nine Years of Archaeology at the Site and the History of the Site Based on Archaeological Evidence.* Presented with Paul D. Bundy at Mid-South Archaeological Conference, Memphis, Tennessee.

**2000**

*Phase III Data Recovery in the Areas Impacted by the 1999 Renovations at Chucalissa State Park (40SY1), Shelby County, Tennessee.* Paper presented with Paul D. Bundy at Current Research in Tennessee Archaeological Conference, Nashville, Tennessee.

**Affiliations:**

- Member of the Register of Professional Archaeologists
- Member of the Society for American Archaeology
- Member of the Caddo Conference
- Member of the Louisiana Archaeological Society
- Member of the Council of Texas Archaeologists

**Specialized Training:**

- NEPA and the Transportation Decisionmaking Process, National Highway Institute, December 2018
- Section 106 Essentials, Advisory Council on Historic Preservation, November 2016
- Archaeological Resources Protection Act Training, Federal Law Enforcement Training Center, Department of Homeland Security, June 2011
- Adult CPR, First Aid, and Bloodborne Pathogens
- Wilderness First Aid