

Mark M. Newell Ph.D.
Vita
2015

Current Employment: Self employed: private research on maritime and terrestrial research programs, Cultural Resource Management Projects & Research Consultant.

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North Augusta,
S.C, 29841.
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Education:
1990-1996: Scottish Institute of Maritime Studies, St.
Andrews University, St. Andrews, Scotland (Ph.D. Degree:
Maritime Archaeology).
1993-Research Fellowship, Brown University, Providence,
R.I. NEH Summer Institute for Maritime History.

1995- Present.

Archaeologist engaged in terrestrial and underwater archaeological research in South Carolina, Georgia and Bermuda.

Current Activity: Research on African influences on early South Carolina pottery traditions involving terrestrial excavations in South Carolina, Directing multi-disciplinary research at three US universities on African and African-American pottery of South Carolina. Underwater archaeological project on 1700s era shipwreck in Bermuda. Research on the British shipboard prison system of the nineteenth century & specifically the Bermuda convict ship sites. Archaeology on the Savannah-Ogeechee canal system, Georgia. Professor, archaeological field course, Armstrong State University, Savannah, Georgia. Also consulting expert on cultural resource management and historic US river and coastal craft.

General Research Topics: American Alkaline Glaze/Stoneware pottery traditions, Vernacular small craft of Georgia, South Carolina and North Carolina. Also, steam navigation, hydraulic structures of the South Carolina rice culture, early American canal technology, maritime connections between SC and Bermuda Islands, Early Chinese maritime exploration, development of cultural resource management programs, African ethnography, early African and African-American cultures. Also maritime preservation programs ranging from past work on the USS Constitution to new ship construction projects in South Carolina and Bermuda.

Consultant to the Bermuda Government on revision of The Bermuda Wreck Act. Re-drafted Bermuda laws with respect to historic shipwreck preservation, cultural resource management and sport diver interaction.

Consultant and expert witness for ALCOA Power Generating and K.L. Gate Law firm on North Carolina water craft on the state's riverine systems.

Overseas teaching In conjunction with work on the Bermuda Wreck Act: held Underwater Archaeological courses for sport divers on Bermuda from 1995 to 2000.

Educational Consulting: Wrote Chapter on Underwater Surveying Techniques for “NAS Guide to Principles and Practice” for the Nautical Archaeology Society of Great Britain.

1990 - 1995

Research Archaeologist, Division of Underwater Archaeology, South Carolina Institute of Archaeology & Anthropology, University of South Carolina. Responsibility for initial review of terrestrial and underwater compliance notices, issuance of permit condition notices and survey requirement notices over signature of Deputy State Archaeologist for Underwater and additional duties as described in 1986-1990 below. Generally assisted Division staff by developing project budgets and grant applications. Also grant writing for own research projects (averaged \$200,000 annually in grants and legislative salary support) and other staff members. Conduct of field research projects and experimental research projects related to watercraft, rice culture and industrial history of the area. Founding member, Secretary and Board Member of the SCIAA Diving Safety & Control Board (Since 1986. Governs safety of Division diving operations). Member of the Board of Trustees of the SCIAA Archaeological Research Trust (Since 1990. Works to raise private sector funding for SCIAA researchers). Founder of The Historic Ships Consortium, Augusta, Georgia. (works to reestablish historic watercraft construction programs in the United States). Founder of The Historic Ship Supply Program, (SCIAA program to acquire and distribute large timber for national and international historic ship construction and restoration projects, notably Live Oak timbers for the U.S.S. Constitution).

1985 - 1990:

Head, Underwater Antiquities Management Program, South Carolina Institute of Archaeology & Anthropology, University of South Carolina, Columbia, S. C., USA.

Development and management of South Carolina’s first underwater cultural resource management program with staff of five in two offices, Columbia and Charleston, and an annual budget of \$160,000 from the South Carolina Legislature. Additional funding from grants and contracts of over \$50,000. Responsibilities included initial development of the cultural resource management plan for South Carolina, lobbying for program funding with legislature and subsequent development of management and field research strategies, equipment acquisition and field office set up.

Responsibilities included personnel management for the program, development and maintenance of data processing systems, including a data base for statewide activities impacting the resource, planning and field direction of survey activity and long range planning.

The position required high level interaction with other state and federal government agencies, program planning, budgeting and direction of fieldwork. This activity covers the negotiation and monitoring of environmental impact study contracts, the development of interagency relations and monitoring of information transfers from SCIAA to these agencies.

Also the development and monitoring of personnel and equipment budgets and the development of contract budgets.

Founder of the Georgia Archaeological Institute at the Augusta-Richmond County Museum, Augusta, Georgia, (conducts Central Savannah River Area research with avocational support).

1984 - 1985

Administrative Assistant, Division of Underwater Archaeology, South Carolina Institute of Archaeology & Anthropology, University of South Carolina, Columbia, SC. USA.

Administrative Assistant to the State Underwater Archaeologist. Organization of information management systems, research proposals, grant research and writing, scientific

article writing, photography, art & illustration on field research projects. Also systems analysis and design for Institute wide computerized information management system including database and local area network installation. Also extensive fieldwork experience as data technician, diver and field director.

EDUCATIONAL EXPERIENCE:

1990 - 1995

Scottish Institute of Maritime Studies, St. Andrews University, St. Andrews, Scotland. Ph.D. dissertation topic “The Vernacular Craft of South Carolina.” Completion: June 1996. This was a research degree conducted part time in conjunction with my duties as an archaeologist with the State of SC.

1993:

NEH Summer Program, Brown University, Providence, R. I. NEH funded Summer Institute on Maritime History. Research Fellowship was awarded in recognition of my research findings in African-American archaeology. It was the only such Fellowship granted to a University of South Carolina archaeologist in the 25-year history of the Institute of Archaeology.

Awards & Recognition

1988 Letter of Commendation & Award, Secretary of the US Navy, for program to provide live oak timbers for preservation of the USS Constitution.

1995 Award of Recognition, Military Order of the Stars & Bars, for role in project direction, management and discovery of the CSS H.L. Hunley submarine.

1999 Award of Recognition, United Daughters of the Confederacy, for role in discovery of the CSS H.L. Hunley submarine

2001 Annual Award of Recognition, Daughters of the American Revolution, Georgia Division, for “Lore of the Mountain Boatmen: Cotton Boats on the Savannah River.”

MEMBERSHIPS, ETC.

Archaeological Institute of America

Register of Professional Archaeologists

Advisory Council on Underwater Archaeology, Publishing consultant 1984-89.

Society for Historical Archaeology, Member

South Carolina Underwater Archaeological Research Council, Member, Executive Board and Chairman, Special Projects, 1974 - 1981

Confederate States Historical Foundation, President and Projects Director, 1974 - 1978.

Society for Post Medieval Archaeology, Member

Nautical Archaeology Society, Member

Society of Industrial Archaeology, Member

American Canal Society, Chairman, Canal Archaeology Committee

SCHOLARLY LECTURES AND SELECTED PUBLIC PROGRAMS

1985

“Vernacular Craft of South Carolina” Society for Historical Archaeology, Conference on Underwater Archaeology. Boston, Mass.

“Vernacular Craft of South Carolina” Coastal Georgia Archaeological Society Savannah Georgia.

“Vernacular Craft of South Carolina” Augusta Archaeological Society, Augusta, Georgia.

“Underwater Archaeology In South Carolina Rivers” North Augusta Elementary School, North

Augusta, SC

“Civil War wrecks in South Carolina Rivers” North Augusta Lions Club North Augusta, SC.
1986

“A Cultural Resource Management Plan for South Carolina” Aiken County historical Soc.
Aiken, SC

“Small Craft Studies in South Carolina” South Carolina Archaeological Society Columbia, SC.

“A Research Design for the Survey of the Campbelltown Site, Aiken County” Beech Island
Historical Society Beech Island, SC

1987

“Vernacular Craft of South Carolina: New findings” Society for Historical Archaeology
Conference on Underwater Archaeology Savannah, Georgia.

1988

“Vernacular Craft of South Carolina: An Overview” Faculty of The Scottish Institute for
Maritime
Studies, St. Andrews University, Scotland.

“Vernacular craft construction in South Carolina” International Conference on Underwater
Archaeology, Fort Bovisand, Plymouth England.

1989

“Excavations in the Santee Canal” Second Annual Conference on Historic Canals, Easton, Pa.

“Transfer of English Canal Technology to North America” Faculty of The Scottish Institute for
Maritime Studies, St. Andrews University, Scotland.

1990

“South Carolina’s Local Craft” Diving Symposium, University of South Carolina, Conway
Extension.

“Ethnic influences on local craft construction in South Carolina: Faculty of The Scottish Institute
for Maritime Studies, St. Andrews University, Scotland.

1992

“The Malcolm Boat and Historic watercraft of the Ashley River” Annual Drayton Hall Lecture
Series, Drayton Hall Plantation, Charleston, SC

“Lore of the Mountain Boatmen: Cottons Boats on the Savannah River” Elbert County Historical
Society, Elberton, Georgia.

“South Carolina Vessel Types” The 19th Annual Museum Small Craft Association Meeting,
Thibodaux, La.

1993

“Construction Sequence and Methods of 19th Century Rice Culture Craft: Experimental
Archaeology on the Ashley River” Conference on Underwater Archaeology, Society for
Historical Archaeology, Kansas City, MO.

1994

“History, Ethnology and Design Research on Eastern American Mountain Boats: Experimental
Archaeology on the Savannah River” Conference on Underwater Archaeology/Society or
Historical Archaeology, Vancouver, Canada

“Beyond Plantations: An Archaeological and Economic Evaluation of America’s First Canal”
Conference on Underwater Archaeology, Society for Historical Archaeology, Vancouver,
Canada.

“Rowin’ on The River: Taking the Petersburg Boat to Savannah” Elbert County Historical
Society, Elberton, Georgia.

1995-2001

“Discovery of the CSS H.L. Hunley” Various historical and civic organizations, South Carolina
& Georgia.

1995

“Discovery of the CSS H.L. Hunley” Various historical and civic organizations, South Carolina & Georgia.

1996

Archaeological and historical subject matter expert to Tower Productions, Inc on History Channel documentary “The C.S. S. Hunley.”

1997

“A Reappraisal of the Joseph Gregory Baynham Stoneware Pottery” Various historical and civic organizations, South Carolina & Georgia.

1998

“Africanized face Jug Production at the Lewis Miles and John Lewis Miles pottery, Trenton S.C. Various historical and civic organizations, South Carolina & Georgia.

2000

“The History and Operation of the Savannah-Ogeechee Canal” Armstrong State University, Savannah, Ga.

2001

“The Joseph Gregory Baynham Pottery” Aiken County Museum, Aiken, S.C.

“The 1858 slave ship *Wanderer* and African Face Vessels” The Lanham Family Convention, Washington, D.C.

2011

“The 1858 slave ship *Wanderer* and African Face Vessels” Milwaukee Art Museum & The Chipstone Foundation, Milwaukee Wi.

“The 1858 slave ship *Wanderer* and African Face Vessels” Boston University Department of African American History, Boston, Ma.

“The 1858 slave ship *Wanderer* and African Face Vessels” Staff lecture at The Smithsonian Institution, Washington, D.C.

“The 1858 slave ship *Wanderer* and African Face Vessels” The Jekyll Island Museum, Jekyll Island, Georgia.

2012

“The 1858 slave ship *Wanderer* and African Face Vessels” Brookgreen Gardens Lecture Series, Brookgreen Gardens, S.C.

2013

“The 1858 slave ship *Wanderer* and African Face Vessels” Local History Lectures Series, North Augusta Historical Society, North Augusta, S.C.

“The 1858 slave ship *Wanderer* and African Face Vessels” The Edgefield Lecture Series, Edgefield, S.C.

“The 1858 slave ship *Wanderer* and African Face Vessels” Department of African American History, The University of Georgia, Athens, Ga.

“The 1858 slave ship *Wanderer* and African Face Vessels” The Columbia Art Museum, Columbia, S.C.

RESEARCH PAPERS:

“Cultural Resources Survey of the Island of Bequia” Private Government MS, 1969

“Cultural Resources Survey of the Cayman Islands” Private Government MS, 1969

“Feasibility Study for a Trinidad & Tobago Based Fisheries Industry” Private Government MS 1970.

“Survey of the USS Harvest Moon, Georgetown, SC” SCIAA Survey report under license, 1973

“Vernacular Craft of South Carolina: Preliminary Survey Data” SCIAA Notebook, 1986

“Hydraulic Structures of the Rice Culture: The Dean Hall Diamond Gate” Ms on file, The South

- Carolina Institute of Archaeology & Anthropology, Columbia, SC, 1986
- “The Military Buttons of Wadboo Creek” SCIAA Ms on file, The South Carolina Institute of Archaeology & Anthropology, Columbia, SC 1986
- “The Hunting Island Vessel: Preliminary Assessment of 38BU157: A Small Historic Fishing Vessel on Hunting Island State Park Beach, Beaufort County, SC” Ms on file, The South Carolina Institute of Archaeology & Anthropology, Columbia, SC.
- “Survey of the Santee Canal Park vessels” Appendix to SCIAA Research Manuscript No. 197, 1986
- “The Little Landing Wreck: Methodology & Interpretation “ Ms on file, The South Carolina Institute of Archaeology & Anthropology, Columbia, SC. 1987
- “ The Santee Canal Sanctuary, Part V SCIAA, UAMP Cultural Resource Management Report No. 5” (Primary Author with Joe Simmons) 1989.
- “The Santee Canal Sanctuary, Part 11, Preliminary Archaeological Investigation of a portion of the Old Santee Canal and Biggin Creek, Berkeley County, South Carolina.” SCIAA UAMP Cultural Resource Management Publication No. 6, (sole author) 1989.
- “Buried Treasure - archaeological Finds in the Santee Canal” American Heritage of Technology and Invention, Fall Issue 1991.
- “Historic Working Small Craft of South Carolina - A Preliminary Typology” Ms on file, The South Carolina Institute of Archaeology & Anthropology, Columbia, SC 1991
- “Historic Working Small Craft of South Carolina - Barges, Flats & Ferries” Ms on file, The South Carolina Institute of Archaeology & Anthropology, Columbia, SC 1991
- “Proposal for the Reconstruction of a 19th Century Petersburg Cotton Boat” Ms on file, The South Carolina Institute of Archaeology & Anthropology, Columbia, SC 1992
- “Proposal for the Replication of a 19th Century Rice Field Flat” Ms on file, The South Carolina Institute of Archaeology & Anthropology, Columbia, SC 1992
- “The Santee Canal - Success or Failure? An economic study” 1991 Proceedings of the Society of Historical Archaeology, Special Publication, 1992.
- “Tide Lock Chopper-Core: Discovery and Analysis of a cultural Anomaly in the Southern Terminus of the Santee Canal” Archaeology of Eastern North America, spring 1992
- “Underwater Archaeological Reconnaissance Survey of A Section of The Historic Waterfront District, Conway, SC” Cultural Resource Management Publication No. 12, The South Carolina Institute of Archaeology & Anthropology, Columbia, SC 1992
- “Preliminary Documentation of a Chine-Girder Barge at Conway, South Carolina” International Journal of Nautical Archaeology 1992 21.2: 20-34
- “Preliminary Documentation of Chine-Girder Barge at Conway, South Carolina” Research Manuscript No. 212, South Carolina Institute of Archaeology & Anthropology, USC, Columbia, SC 1992
- “Preliminary Archival Resources Survey & Analysis of the Brunswick Altamaha Canal” Southern Archaeological Research Services Publication No. 32, Augusta, Georgia. 1992
- “The Historic Working Small Craft of South Carolina: A General Typology with a Study of Adaptations of Flatboat Design” Ph.D. Dissertation, Scottish Institute of Maritime Studies, St. Andrews University, Scotland. 1992
- “South Carolina Vessel Types” in *77ie European Origins of the Small Watercraft of the United States and Canada*” Joseph T. Butler Jr. Editor, Center for Traditional Louisiana Boat Building, Nicholls State University, Thibodaux. La. 1992
- “The Search for the Hunley: A Research Design & Methodology” Research Manuscript No 3, The Georgia Archaeological Institute, Augusta, GA., and the South Carolina Institute of Archaeology & Anthropology, USC, Columbia, SC 1992
- “Excavation of the Malcolm Boat (38CH803): Project Manager’s Report,” South Carolina

- Department of Archives & History, Columbia, SC 1993.
- “Neanderthals In South Carolina?” Sidebar article for “Voyages of the Imagination”
Archaeology Magazine, Vol. 16, No. 2 March, 1993
- “South Carolina Vessel Types” Proceedings of The 19th Annual Museum Small Craft Association Meeting, Thibodaux, La. November 1993
- “Santee Canal: Success or Failure?” Canals and American Cities Canal History & Technology Press, Easton, Pa. April 1994.
- “The Recovery of the C.S.S.H.L. Hunley: A Research Design & Methodology,” The Governor’s Hunley Commission, Columbia, SC. 1995. Also Research Manuscript No 5, The Georgia Archaeological Institute, Augusta, GA. 1995
- “The City of Georgetown: Background History and Reconstruction,” Research Manuscript No 6, The Georgia Archaeological Institute, Augusta, GA. 1996
- “The Riverfront Potters of North Augusta” GAI Research Manuscript No HC-1-15, The Georgia Archaeological Institute, Augusta, GA. 1996
- “The Lion Cage Wreck” Pre-disturbance Survey, GAI Research Manuscript ORF-1, The Georgia Archaeological Institute, Augusta, Ga. and the Ocean Research Foundation, Bermuda. 1996.
- “The Sleeter Wreck” Pre-disturbance Survey GAI Research Manuscript ORF-2, The Georgia Archaeological Institute, Augusta, Ga. and the Ocean Research Foundation, Bermuda, 1998
- “The Heinecken Wreck” Pre-disturbance Survey, GAI Research Manuscript ORF-3, The Georgia Archaeological Institute, Augusta, Ga. and the Ocean Research Foundation, Bermuda, 1999.
- “The Convict Hulk *Dromedary*: Preliminary Report” University of Leicester, UK, Conference of Convict system history, International Centre for Convict Studies. 2000.
- “A Spectacular Find at the Joseph Gregory Baynham Potter Site,” *Ceramics in America*, The Chipstone Foundation, University Press of New England, Hanover & London pp229-232. 2001
- “Preliminary Survey, Unidentified Nineteenth Century Stoneware pottery, Tignall, Ga.” GAI Research Manuscript HC -2-11, The Georgia Archaeological Institute, Augusta, Ga. 2001.
- “First Archaeological Evidence of African face jug Production at 38ED221,” GAI Research Manuscript HC-2-12, The Georgia Archaeological Institute, Augusta, Ga. 2001.
- “Preliminary site survey, Wreck of H.M.S. Otranto, Kilchoman, Islay, Scotland,” GAI Research Manuscript MS-3-14, The Georgia Archaeological Institute, Augusta, Ga. 2002.
- “Excavation of the Confederate Powderworks Chimney, Augusta, Ga.,” GAI Research Manuscript HC-2-16, The Georgia Archaeological Institute, Augusta, Ga. 2002.
- “Phase 1 Reconnaissance Survey, Woodside Plantation, Aiken, SC.,” GAI Research Manuscript HC-2-15, The Georgia Archaeological Institute, Augusta, Ga. 2003.
- “Phase 1 Reconnaissance Survey, Marshall Square project, Evans, Ga.” GAI Research Manuscript HC-2-16, The Georgia Archaeological Institute, Augusta, Ga. 2004.
- “Phase II Survey of Locks Four and Five of the Savannah Ogeechee Canal, Savannah, Ga.,” GAI Research Manuscript HC-2-17, The Georgia Archaeological Institute, Augusta, Ga. 2005.
- “Archaeological Testing of Lock Four of the Savannah Ogeechee Canal, Savannah, Ga.,” 2006. GAI Research Manuscript HC-2-18, The Georgia Archaeological Institute, Augusta, Ga.
- “Archaeological Testing of Lock Five of the Savannah Ogeechee Canal, Savannah, Ga.,” GAI Research Manuscript HC-2-19, The Georgia Archaeological Institute, Augusta, Ga. 2006.
- “Making Faces: Archaeological Evidence of African-American Face Jug Production,” *Ceramics in America*, The Chipstone Foundation, University Press of New England, Hanover & London pp123-138. 2006.
- “Archaeological Excavation of the Lock Tender’s House, Lock Five of the Savannah Ogeechee Canal, Savannah, Ga.” GAI Research Manuscript HC-2-20, The Georgia Archaeological

Institute, Augusta, Ga. 2007.

“African American Face Vessels: History and Ritual in 19th Century Edgefield.” *Ceramics in America*, 2013 The Chipstone Foundation, Milwaukee Wi.

“Historic Watercraft □ Operating in Upland Regions of the □ Colonies & States of the Eastern United States, 1700-1900 “ For K & L7 Gates LLC and ALCOA Corp. 2014.

ELECTRONIC MEDIA:

“**Arthur C. Clarke’s Strange World**” Segment (15 minutes) on Paleolithic chopper core found in Santee Canal. 1990.

“**With These Hands**” 30-minute television documentary on craft of the rice culture and replication of the Magnolia Plantation rice field barge. South Carolina Educational Television, Columbia, SC 1992.

“**Lore of the Mountain Boatmen**” 30-minute television documentary on the Savannah River’s Petersburg Boats and reconstruction of a 57’ cotton boat at Augusta Georgia. Jones Intercable Inc. and Georgia Archaeological Institute, Augusta, GA 1993.

“**Search for the Hunley**”, **Tower Productions Chicago for History Channel.** One-hour documentary on the discovery of the submarine C.S.S. Hunley off Charleston, SC. On screen as principal archaeological talking head, 1995.

“**Heritage in Clay**” One-hour television documentary on the alkaline glaze pottery tradition of the Old Edgefield District, SC. Funded in part by a grant from the South Carolina Arts Commission, Georgia Archaeological Institute, Augusta, GA 1997.

PAPERS EDITED

“SC Highway 52 Crossings of the Black & Santee Rivers,” SCIAA UAMP Cultural Resource Management Report No. 1 by Joe Simmons, 1987.

“SC Highway 39 Crossing of the Santee Rivers,” SCIAA UAMP Cultural Resource Management Report No. 2 by Joe Simmons 1987.

“Statistical Analysis of Public Notice Activity for 1986” SCIAA UAMP Cultural Resource Management Report No. 3 by Deborah Barshafsky, 1987.

“Reconnaissance Survey Report: Underwater Archaeological Investigations of Selected Target Sites in Charleston Harbor, July 1988” SCIAA UAMP Cultural Resource Management Report No. 4 by Joe Simmons, 1988.

“Reconnaissance Survey Report: Underwater Archaeological Investigations of Selected Target Sites in Charleston Harbor, July 1989” SCIAA UAMP Cultural Resource Management Report No. 7 by David Beard, 1989.

“Reconnaissance Survey Report: Underwater Archaeological Investigations of Cross Island Expressway Corridor at Broad Creek, Hilton Head Island, South Carolina” SCIAA, UAMP Cultural Resource Management Report No. 8 by David Beard, 1989.

“A Preliminary Evaluation of Historic Period Impacts on Lower Coastal Plain Environments” Governor’s School for Science and Mathematics, Hartesville, SC Mentored student project by Ms. Robyn Kelly, 1990.

“Excavation of the mooring site of the convict hulk Dromedary, RN Dockyard, Bermuda” MSc these by Christopher Addams, University of Ulster, 2002.

FIELD AND ARCHIVAL RESEARCH ACTIVITY

1973 Principal Investigator, archival research and preliminary testing on site of Civil War

- Period vessel, The Harvest Moon, flagship of Federal Atlantic Squadron Commander, Admiral Dahlgren under SCIAA salvage license. Archival and field research started into origins of alkaline glazed stoneware potteries in South Carolina.
- 1976 Volunteer diver** on excavations on Ashley River bed at Fort Dorchester, Colonial period British fortification.
- 1983 Volunteer diver** on survey of Waccamaw River bed off Wachesaw Plantation. Project conducted extensive surveys, test excavations and preliminary documentation of a plantation vessel.
- 1984 Contract diver** to SCIAA on recovery of early 20th century flatboat from Cooper River, SC.
- Principal Investigator**, Study and documentation of Mepkin flatboat for SCIAA. Involved measurement of vessel and study of construction in a clear pond and production of working drawings. Principal SCIAA staff diver on four week excavation on site of ca. 1733 vessel in Black River, Georgetown County. Directed six man diving staff on excavation of river bed, recovery of artifacts and ship's timbers not recovered during earlier 1976 excavation of vessel. Also documented two late 19th century barges adjacent to site.
- Survey of Wadboo Creek site, Cooper River, Berkeley County. A multi-component site from which 60,000 artifacts had been recovered in earlier excavations. Survey resulted in discovery and preliminary documentation of two vessels and an extensive colonial period dock complex. Principal Investigator, documentation of pre- 1756 rice plantation hydraulic structure at Dean Hall Plantation.
- 1985 Principal Investigator**, Survey and documentation of early 19th century rice gate structure at Dean's Hall landing, Cooper River.
- Principal Investigator**, Statewide preliminary documentation program for small craft in South Carolina.
- Principal Investigator**, documentation of ca. 1875 rice field barge at Georgetown, SC. Commencement of SCIAA survey and documentation program on origins of American alkaline glazed stoneware, Edgefield District, South Carolina.
- Organized avocational researchers and SCIAA personnel for publication project in association with Stanley South. Principal diver on four week EIS survey of Charleston Harbor for foundations of the James Island Expressway Bridge. Activity covered side scan sonar, magnetometry and diver survey methods.
- Principal diver**, preliminary survey and excavations on submerged sealed Paleolithic chert quarry site at Smith's Lake Creek, Allendale County, SC
- Supervised remote sensing (side scan sonar) survey of Skull Creek, Hilton Head Island, SC. Subsequent preliminary survey of large ballast pile, possible site of H.M.S. Vigilant.
- Principal diver**, magnetometer survey and preliminary excavations on possible site of H.M.S. Alligator, Ashley River, Charleston County SC.
- Assistant, excavation of two wells, Charleston, SC
- Principal diver, underwater survey of Wateree River and Pine Tree Creek sites adjacent to Mulberry Mound complex, Camden County, SC.
- 1986 Principal Investigator**, preliminary survey and documentation of mid 19th century sailing vessel in Dawhoo River, Beaufort County, SC.
- Preliminary survey and documentation of 19th century fishing ketch on Hunting Island, Beaufort County, SC.
- Principal Investigator**, preliminary site assessment and stabilization of 38CH803 The Malcolm Boat Site in Ashley River, Charleston County, SC.
- Preliminary survey of possible Revolutionary period armed British vessel in Cooper River,

- Country Club Landing, Berkeley County.
Preliminary survey of second possible Revolutionary period armed British vessel in Cooper River at Lewisfield landing.
- Principal diver and director of underwater operations** for excavation of ‘Little Landing vessel, armed British Ship sunk in Cooper River, Berkeley County, SC.
- 1987 Project Director**, Environmental Impact Survey, SC Highway 52 bridge crossings at Black and Santee Rivers, SC.
Project Director, Environmental Impact Survey, SC Highway 39 Bridge crossing at Santee River, SC.
Project Director, Environmental Impact Survey, Santee Canal Project, Berkeley County, SC.
Project Director, Survey and examination of magnetometer target sites in Charleston Harbor.
- 1988 Project Director & Field Archaeologist**, Excavation of archaeological features found in Santee Canal, Berkeley County, SC.
- 1989 Project Director**, Survey and examination of magnetometer target sites in Charleston Harbor.
Project Director, Survey of Broad Creek, Hilton Head Island, SC for Cross Island Expressway Bridge corridor.
- 1990 Consulting archaeologist** to Sport Diver Archaeology Management Program on Waccamaw River barge documentation project.
Mentor and Field Archaeologist on PADI grant funded project for Governor’s School for Science and Mathematics Student for study of environmental impacts on lower coastal plane archaeological sites.
- 1992 Project Manager**, cultural resources survey of a section of the Historic Waterfront District, Conway, SC.
Principal Investigator, documentation of 19th century chine girder rice field barge at Conway, SC.
Principal Investigator, experimental replication of a ca. 1854, 41 foot plank-built rice field flat at Magnolia Plantation, Charleston, SC.
Grant writer & Project Manager, excavation of 38CH803, the Malcolm Boat Site, a late 18th century sailing vessel in the Ashley River.
Principal Investigator, preliminary documentation of steamboat wreckage at the 5th Street Dock, Savannah River, Augusta, Georgia.
Principal Investigator, Survey of the Brunswick-Altamaha Canal, Brunswick, Georgia.
- 1993 Consulting Archaeologist**, preliminary survey of the Augusta Canal, Augusta, Georgia. by Historic Engineering Consultants Inc., Barrington, R. 1.
Principal Investigator, preliminary survey of the Ogeechee-Savannah Canal, Savannah Georgia.
Principal Investigator, reconstruction of a ca. 1870, 57 foot Petersburg Cotton Boat at Augusta Georgia.
Principal Investigator, preliminary survey of selected sites in the Savannah River at Augusta Georgia.
Principal Investigator,- documentation of 70 foot Savannah River steamboat The “*Kathryn S*” Sandbar Ferry, Augusta, Georgia.
- 1994 Principal Investigator**, Archaeological Survey of Historic Waterfront, Drayton Hall Plantation, Charleston SC.
Principal Investigator, USC and NUMA field project, search for the CSS H.L. Hunley, the culmination of a 23-year research program which led to the location of the

- Confederate submarine.
- 1995** **Principal Investigator**, excavation and documentation of an early steam ferry barge at Stevens Creek, SC
Principal Investigator, documentation of 70 foot Savannah River steamboat The “*Kathryn S.*” Sandbar Ferry, Augusta, Georgia.
Principal Investigator, The Joseph Gregory Baynham pottery Site, ED38221, Trenton, S.C. Investigation of 1872-1910 component of an Edgefield, S.C. stoneware pottery.
- 1996** **Participant**, relocation and recovery of the *Resurgam* first engine powered submarine, lost while undertow off Rhyl, North Wales UK. Organized donated services of American team for remote sensing search for submarine with co-operation of the British Government.
Principal Investigator, ethnographic and iconographic research project, sub-Saharan Africa for “Echoes of Africa Project” with grant from the Young Foundation, GA.
Principal Investigator, Pre-disturbance Survey of the “Lion Cage Wreck”, Eastern Blue Cut, Bermuda. Documentation of wreckage and study of iron components.
Principal Investigator, The John Lewis Miles pottery Site, ED38221, Trenton, S.C. Investigation of 1860-167 component of an Edgefield, S.C. stoneware pottery.
- 1997** **Principal Investigator**, Baynham Alkaline glaze pottery site, North Augusta, SC. Includes documentation of recovery and restoration of 175-year-old clay mill machinery, terrestrial and underwater archaeological surveys. Grant funding provided by SC State Government.
Curator “Echoes of Africa” Major museum exhibit of West African ethnographic materials with grant from the Young Foundation, Martinez, GA.
Principal Investigator, The African and African American pottery Site, ED38221, Trenton, S.C. Investigation of 1860 - 1880 component of an Edgefield, S.C. stoneware pottery where Africanized face jugs were produced as religious-spiritual objects.
- 1998** **Principal Investigator**, Pre-disturbance survey, “The Sleeter Wreck” Northwest reef, Bermuda. Survey of wreck of French merchantman ca 1750 off Bermuda.
Principal Investigator, excavation and documentation of “The Lion Cage Wreck,” Eastern Blue Cut, Bermuda. Documentation of remaining timbers of ca 1825 wreck off Bermuda.
- 1999** **Principal Investigator**, Preliminary Excavation, “The Sleeter Wreck” Northwest reef, Bermuda. Preliminary excavation of wreck of French merchantman ca 1750 off Bermuda.
Principal Investigator, Pre-Disturbance Survey, “The Heinecken Wreck” Eastern Blue Cut, Bermuda.
- 2000** **Principal Investigator**, “Echoes of Africa Project” Trenton, S.C. Archival and archaeological study of elements of African culture in nineteenth century pottery in the Old Edgefield District, South Carolina.
Principal Investigator, Preliminary Survey, 19th Century Pottery Site, Tignall Ga.
- 2001** **Principal Investigator**, Nineteenth Century alkaline glaze “face jug” production site at Eureka, South Carolina.
Principal Investigator, Researcher, “H.M.S. Otranto Project” Documentation and archival research on World War I Troopship sinking off Scotland.
- 2002** **Principal Investigator**, Excavation at the Confederate Powder Works, Augusta, Ga.
Principal Investigator, Preliminary Survey, 16th Century Spanish Wreck, Bermuda
Principal Investigator, Preliminary Survey, 1755 French Wreck, Hog Breaker Reef, Bermuda.
Principal Investigator, Research and preliminary survey, wreck of the H.M.S. *Otranto*, Islay, Scotland.
- 2003** **Principal Investigator**, Phase 1 Reconnaissance Survey, Woodside Plantation, Aiken,

- SC.
- Principal Investigator**, Reappraisal of artifacts recovered from the Bermuda Convict ship *Dromedary* Bermuda and development of artifact database.
- 2004 Principal Investigator**, Phase I Reconnaissance Survey, Marshall Square project, Evans, Ga.
- 2005 Principal Investigator**, Phase II Survey of Locks Four and Five of the Savannah Ogeechee Canal, Savannah, Ga.
- 2006 Principal Investigator**, Archaeological Testing of Lock Four of the Savannah Ogeechee Canal, Savannah, Ga.
- 2007 Principal Investigator**, Archaeological of Lock Five of the Savannah Ogeechee Canal, Savannah, Ga.
- 2007 Principal Investigator**, Archaeological excavation of the Lock Tender’s House, Lock Five of the Savannah Ogeechee Canal, Savannah, Ga.
- 2008-2010 Principal Investigator**, The Joseph Gregory Baynham pottery Site, ED38221, Trenton, S.C. Investigation of 1872-1910 component of an Edgefield, S.C. stoneware pottery. Continued Research.
- 2011 Principal Investigator**, Ethnographic and anthropological research, descendants of the 1858 slave ship *Wanderer*, Schomburg Center, Harlem, New York.
- 2011 Principal Investigator**, African Face Vessel comparative study, Metropolitan Museum Of Art, New York.
- 2011-2013 Principal Investigator “The Wanderer Project”** Archival, ethnographic and anthropological research on 407 enslaved Africans brought to Georgia on the slave ship *Wanderer* in 1858.
- 2012 Principal Investigator**, Multi-disciplinary research program at the Milwaukee Art Museum to develop data on Edgefield face vessels with co-investigators from University of Wisconsin, University of Boston, University of Illinois and the University of Buffalo.
- 2011-2013 Principal Investigator**, The African and African American pottery Site, ED38221, Trenton, S.C. Investigation of 1860 - 1880 component of an Edgefield, S.C. stoneware pottery where Africanized face jugs were produced as religious-spiritual objects. Continued research and excavation on slave cabin area of the John Lewis Miles pottery site.
- 2013 – present Principal Investigator**, Excavation of the Ward Lee slave cabin, Darby Plantation, Trenton, S.C.
- 2015 Consultant and Expert Witness** ALCOA Power Generating Inc., and K. L. Gates law firm on use of historic river craft on North Carolina rivers.
- 2015 Developer & On screen talent:** Series of video shorts on South Carolina pottery, “Hidden Artifacts, part 1” Documentary Video Productions, Aiken, SC.
www.youtube.com/watch?v=TNKZrYolGFo