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TITLE: Cultural Resources Support

PRINCIPAL INVESTIGATOR: Doctor Ray Crook
Susan E. Fishman-Armstrong

CONTRACTING ORGANIZATION: Antonio J. Waring, Jr. Archaeological Laboratory
University of West Georgia
Carrollton, GA 30118

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14. ABSTRACT This project is a cooperative agreement between the Antonio J. Waring, Jr. Archaeological Laboratory at the University of West Georgia and the U.S. Army Medical Research Acquisition Activity. This project is designed to provide the Antonio J. Waring, Jr. Archaeological Laboratory stewardship of the nations cultural resources for curation which are to be collected by the Department of Defense in the geographical area of the state of Georgia and the surrounding southeastern United States. Funds that apply to this project are based on individual tasks orders. Research and reports are extruded from the collections obtained by the Department of Defense. As of to date, no task orders for curation have been received by the Antonio J. Waring, Jr. Archaeological Laboratory.					
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INTRODUCTION:

This project is a cooperative agreement between the Antonio J. Waring, Jr. Archaeological Laboratory at the University of West Georgia and the U.S. Army Medical Research Acquisition Activity. The purpose of this project is designed to provide the Antonio J. Waring, Jr. Archaeological Laboratory stewardship of the nations cultural resources for curation which are to be collected by the Department of Defense in the geographical area of the state of Georgia and the surrounding southeastern United States. Funds that apply to this project are based on a cost reimbursement cooperative agreement. Funds are to be made as individual tasks orders are completed. As of to date, no task orders have been received from the Department of Defense to the Antonio J. Waring, Jr. Archaeological Laboratory for the curation of cultural resource collections.

BODY:

The Antonio J. Waring Jr. Archaeological Laboratory has been entrusted by the Department of Defense for the curation and care of cultural resource material from Georgia and the southeastern United States. Research information is derived from this material and its associated documentation. The Antonio J. Waring Jr., Archaeological Laboratory has not obtained any material to be curated from the Department of Defense. The Antonio J. Waring, Jr. Archaeological Laboratory completed a mailing to all of the US Military Bases in Georgia and several throughout the surrounding states.

KEY RESEARCH ACCOMPLISHMENTS:

No collections have been received; therefore, no research has been conducted at this time.

REPORTABLE OUTCOMES:

No outcomes are reportable at this time.

CONCLUSIONS:

None

REFERENCES:

None

APPENDICES:

Antonio J. Waring, Jr. Archaeological Laboratory Report
Vitae: Ray Crook, Laboratory Director
Susan Fishman-Armstrong, Laboratory Coordinator

APPENDIX

Antonio J. Waring, Jr. Archaeological Laboratory University of West Georgia

Mission Statement

The Antonio J. Waring, Jr. Archaeological Laboratory is an academic research facility dedicated to the scholarly pursuit of knowledge about past cultures within Georgia and surrounding areas of the southeastern United States. The laboratory supports the active research and instructional interests of its curators and the anthropology faculty of the University of West Georgia, is a resource for the larger professional community through facilitated research use of its archaeological collections, and serves as a repository for appropriate archaeological collections.

Laboratory Staff

Laboratory Director – Ray Crook, Ph.D.

Laboratory Coordinator – Susan Fishman-Armstrong, M.A.

Senior Secretary – Julie Dobbs

Curatorial Assistant – Brian Stout

Database Assistant – Sarah Middlemast

Educational Outreach Assistant – Rebecca Mederios

Laboratory Assistants – Kimberly Britt
Christopher Heckman
Shevonda Robinson
Kevin Rowell

Executive Summary for CY-2004

The Waring Laboratory met or exceeded its objectives for the 2004 calendar year. Through the efforts of faculty, staff, and students the Laboratory:

- Maintained 446 archaeological collections (5,699 cubic feet) to laboratory standards in compliance with federal regulations (36 CFR 79).
- Facilitated research use of its curated collections by 8 professional archaeologists.
- Responded to 18 technical assistance and 32 information requests regarding archaeological collections, curation, and collections management.
- Arranged 14 loans of archaeological materials for research and interpretative use.
- Completed data entry for 2354 reprints in the Library Database.
- Revised 8 sections of its Collections Management Policy.
- Assessed 59 cubic feet of collections at the artifact level.
- Negotiated and executed 4 new contracts for curation and collections management.
- Completed development of its relational database for archaeological collections.
- Integrated 326 collections into the updated collections database.
- Supported faculty and faculty-directed student research projects using curated archaeological collections.
- Completed the first year of its Volunteer Program.
- Revised its Standard Operating Procedures Manual.
- Expanded its Education Outreach Program to include two traveling teaching trunks and an on-site mock excavation pit.
- Organized and held an archaeological curation workshop for archaeological contractors serving the Georgia Department of Transportation.
- Participated in the PREP Visitation Day for 150 students.
- Held three workshops for teachers in their respective school districts about its Educational Outreach Program.
- Hosted an open house and provided laboratory tours/presentations for public groups and for 3 UWG classes.

About the Waring Archaeological Laboratory

The Antonio J. Waring, Jr. Archaeological Laboratory is a research facility dedicated to the scholarly pursuit of knowledge about past cultures within Georgia and nearby areas. As part of the Anthropology Department at the University of West Georgia, the laboratory supports the archaeological research and instructional activities of the faculty and is a resource for visiting scholars from across the United States. The Waring Laboratory serves as a repository for the university's research collections, for those from state and federal agencies with responsibilities for archaeological resources management, and for collections resulting from the compliance research projects undertaken by private archaeological firms. The laboratory provides unique learning and directed-research opportunities for students at the University of West Georgia, as well as educational outreach programs within the local community.

The Waring Laboratory is the only facility of its type in Georgia specifically designed to meet both academic needs and federal standards (36 CFR 79) for the curation of archaeological collections. The two-level (~10,000 square feet) structure is climate controlled, and both temperature and humidity are maintained at appropriate levels within its curation range. Access to the laboratory is monitored by a zoned security system with integrated intruder, motion, smoke, and water sensors that are directly connected to the University's Public Safety Office. The largest part of the Waring Laboratory is dedicated to the curation of archaeological collections. This 50' by 75' area contains two levels of curation shelving, providing space for 6,730 cubic feet of archaeological materials. Existing collections, representing artifacts and their associated records from hundreds of prehistoric and historic archaeological sites, occupy 5,699 cubic feet of this shelf space. At 1,250 square-foot research area within the laboratory is maintained for the short-term and longer research projects of faculty, students, and visiting scholars. This dedicated space contains a specialized library and maps, computer stations, photography and microscope stations, drafting and digitizing tables, along with other resources that support research use of the collections.

The interwoven research, teaching, and service activities of the Waring Archaeological Laboratory reflect the university's commitment to academic excellence and cooperation with other interest groups. Its embedded commitment to faculty-directed undergraduate research makes the University of West Georgia the ideal academic environment for the Waring Laboratory. While serving the important research and instructional agenda of the faculty and students, it also serves the needs of others with interests in and a critical responsibility for protecting Georgia's archaeological past. Long-term agreements with state and federal agencies as well as with private sector companies allows Georgia archaeological materials to be curated in-state at minimal cost and without duplication of effort. Collections research carried out by students and professional archaeologists, from within and beyond the walls of the university, serves not only their specialized interests but also contributes to the advancement of general knowledge about Georgia's rich cultural heritage.

The Waring Archaeological Laboratory and its related activities have had the pleasure of serving multiple constituents since the early 1970s. Today the Waring Laboratory strives to enhance its contributions to Georgia's academic, governmental, private sector, and public archaeological communities.

Facilities and Operations

The Waring Laboratory improved lighting conditions in the curation range, continued progress on its Emergency Preparedness Plan, updated all computer workstations, added a digital imagery work station and expanded its Website during 2004.

- The additional lighting in the curation range facilitates access and use of collections, and also improves the work conditions for collections assessment.
- The Laboratory's Emergency Preparedness Plan was upgraded to include a more effective monthly cleaning and risk assessment protocol to identify potential problems and their solutions.
- All computer stations were updated to the latest Office XP operating system (Microsoft® XP edition) and four computers with faster processors and greater memory were added.
- A digital imagery workstation was added in support of faculty directed student research and class instruction in archaeological graphic methods and laboratory analysis. The workstation includes a high-end desktop computer, a large-format scanner, a high-resolution digital camera, a digital microscope, and photo printer.
- The Laboratory's Website was expanded to include details about its Public Education Program and Volunteer Program. The educational outreach page now includes information about how public and private school teachers can check out the traveling teaching trunks and arrange for their classes to participate in the on-site mock excavation. The volunteer page includes detailed information about this program and also highlights the achievements of current volunteers.

Collections Management

As of December 31, 2004, 446 archaeological collections (5,699 cubic feet of materials) are curated at the Waring Archaeological Laboratory. Many of the collections are held-in-trust for the Georgia Department of Natural Resources (Historic Preservation Division), the Georgia Department of Transportation (Environmental Analysis Bureau), and Cobb County.

New acquisitions for 2004 were the following collections (by owner and collection name):

- Georgia Department of Transportation; Multiple Projects for CY-2004
- Carroll County Water Authority; Archaeological Data Recovery at 9CL269 and 9CL270, H.C. (Hill) Seaton Reservoir, Carroll County, Georgia (Snake Creek, Phase III).
- Georgia Department of Natural Resources; Archeological Survey and Testing at Town's Bluff Ramp and River Park, Jeff Davis County, Georgia.
- Southern Natural Gas Company; Phase I Cultural Resources Survey and Archaeological Inventory of the Proposed Southern Natural Gas Company South System Expansion - Part II Pipeline Project in Harris, Washington, Jefferson, and Richmond Counties.

An internal review was completed of eight of the twelve sections of the Waring Laboratory's Collections Management Policy. The reviewed policies provide rules and protocols for Revision, Governance, Deaccession, Scope of Collections, Inventories, Collections Care, Code of Ethics, and Collections Access. Revisions will provide concordance and clarification, and also strengthen the Waring Laboratory's fiduciary responsibility to its archaeological collections.

The in-house Standard Operating Procedural Manual was updated in 2004 to reflect the changes identified during testing in 2003. The principal change for this policy was the division of collections processing into four distinct stages including Assessment, Revitalization, Accession, and Shelving. Serving to improve collections processing, this manual standardizes methods of collections processing in the Waring Laboratory among staff, student workers, and volunteers. The revised Standard Operating Procedures

provide for better communication among workers, faster processing, reduction of errors, and improved control over collections.

Progress was made on the multi-year project, which began in 2001, to install a Bar Code system for archaeological collections held at the Waring Laboratory. This project involves five phases: (1) Database Correlation, (2) Upgrading the Database Management System, (3) Installing the Bar Code Utility, (4) Designing Views and Reports, and (5) Printing. Its purpose is to increase the efficiency of multiple collections management activities in the Waring Laboratory.

Work continued with Phase 1 and Phase 2 and planning began on Phase 3 during 2004. Seven collections containing 59 cubic feet artifacts and records were inventoried at an item level during 2004. The final draft of the upgraded DBMS (a relational database system using Microsoft Access®) also was completed in 2004 for Phase 2. This new version of the database reduces time and effort spent on data entry, includes collection information, loans, collections access, condition reports, accession information, and more powerful search and reporting capabilities. Collections are slowly being integrated into the new relational database as they are assessed.

Progress continued in the Research Library's database. Library holdings can be searched and their use monitored with a computerized catalog. Scholarly reprints and half the unpublished research manuscripts (792 articles totaling 2354 records) were entered into the library database during 2004. A user-friendly guide also was developed to facilitate use of the Research Library by UWG students and faculty, as well as by visiting researchers.

Curation Contracts

Four curation contracts were executed during the 2004 calendar year. A renewing annual agreement was entered into with the Georgia Department of Natural Resources (Historic Preservation Division) for continued curation of archaeological collections from state parks and historic sites, and other state lands. A set-fee contract was entered into with the Georgia Department of Transportation for curation of collections submitted by its contracting archaeologists to the Laboratory during the 2004 calendar year. Two other set-fee contract agreements were executed with R. Christopher Goodwin & Associates Inc., and the Carroll County Water Authority for curation of their archaeological project materials.

The Waring Laboratory entered its fourth full year of operation under an Assistance Agreement with the U.S. Army Medical Research Acquisition Activity for the curation of archaeological collections from Department of Defense properties in Georgia and surrounding areas of the southeastern United States.

Collections Research

The use of archeological collections for research purposes is central to the *Mission* of the Waring Laboratory. Several curated collections (artifacts and associated records) were made available to researchers during 2004.

In-house research by faculty and faculty-directed research projects by students of the University of West Georgia included:

- Dr. Ray Crook – Bilbo Collection, Sapelo Island Collections, Little St. Simon's Island Collection.
 - Philip Haddix – Bilbo Collection
 - Brian Stout – Bilbo Collection
- Dr. Karl Steinen – Simpkins' and Larson's archaeological survey of Carroll County.

The following visiting researchers used the laboratory's archaeological collections during the 2004 calendar year:

- Shawn Patch (Georgia Department of Transportation, Office of Environment and Location) – Sutton's Corner Survey and Testing.
- Julie Markin (University of Georgia) – David Chase Collection, Miner's Creek Collection, Etowah Collection, Annewakee Creek, Chestatee Site, Race Track Site, Hickory Level Collection, Lower Ballard's Bridge Collection, Sand Field Creek Collection.
- Brian Slawson (University of Florida) – New Echota Collection.
- David Parker (Independent Researcher) – West Point Lake Collection.
- Vincas Steponaitis (University of North Carolina) – Etowah Mound C Collection.
- Jim Knight (University of Alabama) – Etowah Mound C Collection.
- Brian Worthington (Florida State University) – Etowah Mound C Collection.
- Victor Thompson (University of Kentucky, W.S. Web Museum of Anthropology) – Sapelo Island Shell Ring Collection, Sapelo Island North of Shell Ring Collection, and 1975 Sapelo Shell Ring Collection.

Collection Loans

Archaeological collections curated at the Waring Laboratory are made available through loans for professional research and for educational purposes. Loans provide an opportunity for our curated archaeological collections to be used by museums and others for heritage education and extended research purposes.

The Waring Laboratory continued to increase the number of new and reissued loans during 2004. Four new loans were initiated and ten were renewed.

- Loan 2002-01 (reissued). ~1700 artifacts from the Sapelo Island Shell Ring to the Dr. Richard Jefferies (on behalf of Victor Thompson) of the University of Kentucky for research.
- Loan 2002-04 (reissued). 62 artifacts from the Catoosa County Collection to the Catoosa County Historical Society for exhibit.
- Loan 2003-02 (Incoming Loan; reissued). 11 small boxes of archaeology material from Steve Fullen at the Louisiana State University Museum of Natural History (Haag, 1957) to Dr. Crook for research on the Bilbo archaeological site.
- Collection Loan 2003-03 (reissued). 3524 artifacts from the Simpkins 1975 Sapelo Island Shell Ring collection to Richard Jefferies (on behalf of Victor Thompson) of the University of Kentucky for research.
- Loan 2003-05 (reissued). 2 artifacts from the CSS Nashville Collection to the Parks and Historical Sites Division of the Georgia Department of Natural Resources for conservation and exhibit.

- Loan 2003-06 (reissued). 47 bags and 135 artifacts from the Pickett's Mill Collection to the Parks and Historic Sites Division of the Georgia Department of Natural Resources for exhibit.
- Loan 2003-07 (reissued). 3 artifacts from the Jekyll Island Collection to the Parks and Historic Sites Division of the Georgia Department of Natural Resources for exhibit.
- Loan 2003-08 (reissued). 93 artifacts from the New Echota Collection to the Parks and Historic Sites Division of the Georgia Department of Natural Resources for exhibit.
- Loan 2003-10 (reissued). 67 artifacts from the CSS Nashville Collection to the Parks and Historic Sites Division of the Georgia Department of Natural Resources for conservation and exhibit.
- Loan 2003-12 (reissued). 1276 artifacts from 1950s Waring and Larson Shell Ring Drain Collection to Richard Jefferies (on behalf of Victor Thompson) of the University of Kentucky for research.
- Loan 2004-02. 28 artifacts from the Catoosa County Collection to the Catoosa County Historical Society for exhibit.
- Loan 2004-03. 18 containers of artifacts from the New Manchester Mill Sweetwater Creek Collection to the Parks and Historic Sites Division of the Georgia Department of Natural Resources for conservation and exhibit.
- Loan 2004-04. 106 artifacts from the Panola Mountain Collection to the Parks and Historic Sites Division of the Georgia Department of Natural Resources for exhibit.
- Loan 2004-05. 5 artifacts of the Etowah Mound C Collection to the Metropolitan Museum of Art pigment analysis on behalf of Vincas Steponaitis from the University of North Carolina Chapel Hill.

Public Education Initiatives

The Waring Laboratory significantly expanded its *Educational Outreach Program* for archaeology during 2004. Staff, students, and volunteers enlarged the program (in coordination with the West Georgia Youth Science and Technology Center) to include two Traveling Teaching Trunks and an On-Site Mock Excavation. In addition, the Waring Laboratory had the pleasure of serving 405 public visitors in 2004. This year the Waring Laboratory hosted three on-site educational field trips for school groups, participated in Prep Visitation Day, gave three training workshops to local educators, and held a public open house as part of Georgia Archaeology Month. The laboratory also hosted a professional seminar and workshop about archaeological curation and collections management for the Georgia Department of Transportation.

Students and Volunteers at the Waring Laboratory

UWG students and volunteers provide valuable service to the Waring Laboratory and each gains practical experience by working on the various needed projects. Students also undertake directed archaeological research projects as research assistants, volunteers, or for academic credit.

During the 2004 calendar year the following students were employed or volunteered at the Laboratory with support from a variety of funding sources, including Laboratory funds, the Federal Work Study Program, and the UWG Student Research Assistance Program. Many who worked at the Waring Laboratory were undergraduate anthropology majors.

Spring Semester 2004

Curatorial Assistant – Amity Jordan

Laboratory Assistant – Katherine Brown, Brian Stout, Geoffrey Uhal, Feona Victor, Dana Russell

Educational Outreach Assistant - Dana Delauss, Sunshine Thomas,

Library Technician - Delecia Love

Summer Semester 2004

Curatorial Assistant – Brian Stout

Library Technician - Delecia Love

Laboratory Assistant – Dana Russell, Feona Victor

Fall Semester 2004

Curatorial Assistant – Brian Stout

Library Technician – Kimberly Britt

Laboratory Assistant – Shevonda Robinson

Database Assistant – Sarah Middlemast

Educational Outreach Assistant – Rebecca Mederios, Andrea Tolbert

The *Volunteer Program*, initiated in 2003, was very successful during 2004. This program allows students and community members to assist the Laboratory Director and Laboratory Coordinator in a wide array of projects - including the Public Outreach Program, processing of collections, and preparing older collections for updating to current laboratory standards. Twenty-eight individuals participated in the program in 2004. Several of these volunteers were also paid student staff who wanted to expand their work experience. Others were from the general community and of varying ages and backgrounds. The volunteers contributed a total of 754 hours to important projects at the Waring Laboratory.

Senior Volunteers - Philip Haddix, Margo Simpson, Brian Stout, Feona Victor, Julie Dobbs, Cynthia Rosser, Siska Williams, Henry Dobbs, Katherine Brown, Rebecca Mederios, Christopher Heckman, Bridget Moore, Monica Ollendorff, Kimberly Britt, Dana Russell

Junior Volunteers - Nigel Dobbs, Alexander Floyd, David Russell, Deanna Russell, Devin Russell

The Waring Laboratory completed development of its Waring Value Metal Reward Program to recognize the work provided by volunteers. This program is based on satisfactory performance and the number of service hours a volunteer has given to the laboratory. Special mention goes to the following volunteers:

Copper Volunteers (40 hours or more)

Katherine Brown, Nigel Dobbs, Henry Dobbs, Kimberly Britt, Christopher Heckman, Rebecca Mederios.

Bronze Volunteers (100 hours or more)

Brian Stout, Kevin Rowell

Contributions to the University's Mission and Goals

The Waring Laboratory makes specific contributions in the areas of research, service, and teaching. The Laboratory responds to requests for technical assistance in the field of collections management, along with information requests from the professional community regarding its curated collections. In addition, the Waring Laboratory contributes to teaching UWG students through providing instructional support and resources for archaeological laboratory and field classes, by providing archaeological materials and facilities for faculty directed undergraduate research projects, and through instructional tours for anthropology and public history classes.

The Waring Laboratory responded to numerous Information Requests and Technical Assistance Inquiries in 2004. These included assistance with external professional research projects, questions about specific collections, archival material questions, photography, conservation, internship advice, and other aspects of archaeological collections management. These requests came from public agencies and private organizations from Georgia and elsewhere throughout the United States.

Technical Assistance

- The Georgia Department of Transportation, Office of Environment and Location
- Georgia Department of Natural Resources, Historic Preservation Division
- Office of Decision Support Systems Planning and Environmental Management Division, Georgia Department of Community Affairs
- Department of History and Anthropology, Augusta State University
- Imperial Calcasieu Museum in Lake Charles, LA
- New South Associates, Inc.
- Environmental Protection Division, Georgia Geologic Survey
- The Atlanta History Center
- United Consulting Corporation
- Lee Meyer (Architect, Savannah)
- Coweta County Planning Department
- Georgia Times Union, City of St. Mary's
- EMC Engineering Services
- UWG Plant Operations
- TRC Garrow and Associates

Information Requests

- The Georgia Department of Transportation, Office of Environment and Location - Shelly Mound Collection (Accession 5); Five Bridges in Crisp County (Accession Number UWG-2056.01); Lumpkin County Project (Accession Number 1); SR156 Bridge Over Salacoa Creek, Gordon County (Accession Number UWG-2056.54); Big Creek Data Recovery (Accession Number UWG-2061); Stuckey Tract, Bleckley County (Accession Number UWG-2062).
- Folklore Program, Georgia State University - North Georgia pottery types.
- Southeastern Archeological Services, Inc. - Leake Mound Site.
- Florida State University - Etowah Collection Mound C (Accession Number 1017).
- University of Florida - New Echota Collection (Accession Number 1056); Kolomoki Mound D (Accession Number 1096); Kolomoki Mounds parking Lot (Accession Number 1995); Waring Collection (Accession Number 18); Kolomoki Mounds East (Accession Number 42).
- United States Geological Survey - Etowah Mound C (Accession Number 1017).
- The Georgia Department of Natural Resources, Underwater Archaeology Division - Butler Island (Accession Number 3).
- University of Georgia - David Chase Collection (Accession Number UWG-2001); Lumpkin County Collection (Accession Number 1).
- Southern Research, Inc. - Milledgeville Prison Collection (Accession Number 40).
- New South Associates, Inc. - Cobb County Collection (Accession Number 1094).
- University of North Carolina, Chapel Hill - Etowah Mound C (Accession Number 1017).
- Savannah River Program, University of South Carolina - Copper sources and Georgia samples for analysis and Etowah Mound C (Accession Number 1017).
- Ohio State University - Etowah skeletal materials.
- South Texas Community College - Waring and Holder's research into the Southeastern Ceremonial Complex.
- American Museum of Natural History - Sapelo Island Collections.

Objectives for CY-2005

The continuing goals of the Waring Laboratory are to foster academic research and instructional use of its archaeological collections, to stay at the forefront of archaeological curation and collections management by exceeding the minimum federal requirements, and to increase public awareness of archaeology. Specific objectives for the 2005 calendar year are to:

- Maintain existing collections in accordance with Laboratory Standards in compliance with 36 CFR 79.
- Finalize revisions of the Laboratory's *Collections Management Policy*.
- Continue transferring data from the old collection's database to the new relational database.
- Install a bar-code system in the updated relational database.
- Complete entering the journals and magazines into the Research Library's relational database.
- Continue collection assessments for the 10-year mandatory inventory.
- Continue off-site public education through distribution of the Traveling Teaching Trunks.
- Continue on-site public education through laboratory tours and instruction of school groups using the Mock Excavation Pit.
- Certify participation in the Public Education Program through continuing education credits.
- Continue faculty and faculty-directed student research using curated archaeological collections.
- Provide instructional support for archaeological field and laboratory classes.
- Facilitate visiting researcher use of curated archaeological collections.
- Provide technical assistance to agencies and individuals regarding archaeological resources management, curation, and Georgia archaeology.

SHORT VITAE

Morgan Ray Crook, Jr.

330 Pafford Building
Department of Anthropology
University of West Georgia
Carrollton, GA 30118
678.839.6456
rcrook@westga.edu

Education

Ph.D., University of Florida, 1978 (Anthropology)
M.A., West Georgia College, 1975 (Psychology)
B.A., West Georgia College, 1973 (Anthropology and Psychology)

Academic Positions

August 2002 – Present: Professor of Anthropology, Department of Anthropology, University of West Georgia.
January 2000 – Present: Director, Antonio J. Waring, Jr. Archaeological Laboratory, University of West Georgia
September 1991 – July 2002: Associate Professor of Anthropology, Department of Sociology, Anthropology, & Criminology, State University of West Georgia
September 1987 – August 1991: Assistant Professor of Anthropology, Department of Anthropology, Georgia State University
July 1983 – June 1987: Assistant to the State Archaeologist, Office of the Georgia State Archaeologist
November 1978 – August 1987: Archaeological Research Associate, Department of Sociology and Anthropology, West Georgia College

Principal Interests

Archaeology of the Southeastern U.S.
Archaeological Method and Theory
Prehistoric Coastal Adaptive Systems
Gullah-Geechee Ethnography and Archaeology

Field Work

1971, 1972	Excavations at the Etowah Site, Georgia (field assistant to Lewis Larson)
1973, 1974	Survey and Testing on Sapelo Island, Georgia (field assistant to Lewis Larson)
1974	Excavation and Mapping of Andersonville Prison, Georgia (under the direction of Lewis Larson)
1975	Mapping at Coba, Quintana Roo, Mexico (field assistant to George Stuart)
1977	Excavation at the Kenan Field Site, Sapelo Island, Georgia (dissertation research)

1979	Excavation at the Chestatee Site, Georgia
1980, 1981	Excavation and Mapping at the Robert Toombs Historic Site, Georgia
1982 – Present	Survey and Testing on Sapelo Island, Georgia
1982	Excavation at the Bourbon Field Site, Sapelo Island, Georgia
1983	Excavation at the Cagle Site, Georgia
1984	Survey of Jekyll Island, Georgia
1985	Excavation at the Weaver Site, Georgia
1986	Excavation at the Lowe Site, Georgia
1988 – 1998	Survey and Testing on Jekyll Island, Georgia
1989	Excavation at the Rae's Creek Site, Georgia
1989 – 2002	Survey and Testing on Little St. Simons Island, Georgia
1992 – Present	Survey, Mapping, Testing of Historic Gullah Settlements on Sapelo Island, Georgia
2001	Excavation at the Bilbo Site, Georgia

Selected Publications

- 2005 Prehistoric Pile Dwellers within an Emergent Ecosystem. **Human Ecology** (in press).
- 2003 **Sapelo Voices: Historical Anthropology and the Oral Traditions of Gullah-Geechee Communities on Sapelo Island, Georgia.** (Senior author with C. Bailey, N. Harris, and K. Smith). Carrollton: The State University of West Georgia.
- 2001 Gullah and the Task System. **Anthropology of Work Review** 22(2):24-28
- 2001 The Identification of Cownose Ray (*Rhinoptera bonasus*) as a Seasonal Indicator Species and Implications for Coastal Mississippian Subsistence Modeling. **Southeastern Archaeology** 19:82-88. (Third author with D. C. Weinland and F. T. Andrus)
- 1992 (Editor) **The State of Archaeology in Georgia.** A report from the Georgia Council of Professional Archaeologists. Carrollton: West Georgia College.
- 1992 Oyster Sources and their Prehistoric Use on the Georgia Coast. **Journal of Archaeological Science** 19:483-496.
- 1991 Chronology of a Stratified Archaic Sequence in the Central Savannah River Area. **Early Georgia** 19(2):21-33.
- 1990 **Rae's Creek: A Multicomponent Archaeological Site in the Central Savannah River Area.** (Senior author with contributions by G. Castille, K. Wood, M. Smith, R. Blakely, E. Sheldon, J. Mathews, and F. Magilligan). Atlanta: Georgia State University.
- 1988 An Ecological Model for the Protohistoric Gule. **Southern Anthropological Society Proceedings**, No. 21:122-139.

- 1987 **Lowe Site Report: A Contribution to Archaeology of the Georgia Coastal Plain.** Occasional Papers in Cultural Resource Management # 3. Atlanta: Georgia Department of Transportation.
- 1986 **Mississippi Period Archaeology of the Georgia Coastal Zone.** University of Georgia Laboratory of Archaeology Series, Report No. 23. Georgia Archaeological Research Design Paper No. 1.
- 1986 **A Strategy for Cultural Resource Planning in Georgia.** Atlanta: Georgia Department of Natural Resources.
- 1985 **Cagle Site Report: Archaic and Early Woodland Period Manifestations in the North Georgia Piedmont.** Occasional Papers in Cultural Resource Management # 2. Atlanta: Georgia Department of Transportation.
- 1985 Space, Time, and Subsistence at Bourbon Field. **National Geographic Society Research Reports** 21:95-100.
- 1984 Irene Manifestations on Sapelo Island. **Early Georgia** 12:59-63.
- 1984 Evolving Community Organization on the Georgia Coast. **Journal of Field Archaeology** 11:247-263.
- 1983 A Statistical Application for Determining Ceramic Assemblages at Disturbed Archaeological Sites. **North American Archaeologist** 4:211-223.
- 1982 Mitigation Excavations at the Chestatee Site, North Georgia. **Florida Anthropologist** 35:3-33.
- 1980 Archaeological Indications of Community Structures at the Kenan Field Site. In **Sapelo Papers: Research in the History and Prehistory of Sapelo Island, Georgia**, West Georgia College Studies in the Social Sciences 19:89-100.
- 1978 Recent Micro-Settlement Studies in the Southeast. **The Florida Journal of Anthropology** 3:26-33.
- 1978 Spatial Associations and Distribution of Aggregate Village Sites in a Southeastern Atlantic Coastal Area. **Florida Anthropologist** 31:21-34.
- 1977 Spalding's Sugar-Works Site, Sapelo Island, Georgia. **Industrial Archaeology** 12:318-350. (Senior author with P.D. O'Grady)

Susan E. Fishman-Armstrong
Abbreviated Curriculum Vitae

LABORATORY COORDINATOR
ANTONIO J. WARING JR. ARCHAEOLOGICAL LABORATORY
UNIVERSITY OF WEST GEORGIA
CARROLLTON, GA 30118

sfishman@westga.edu

LAB: (678) 839-6305

EDUCATION

- **Master of Arts** - Graduated December 2000; Texas Tech University, Lubbock, TX.
- **Bachelor of Science** – Graduated December 1997; Fort Hays State University, Hays, Kansas
Major: Geosciences with focus on Paleontology and Museum Studies.
Minor: Biology

COMPUTER SKILLS - Proficient in Macintosh, DOS, and PC Computer Environments.

Databases

- *Microsoft Access®*, *Visual FoxPro®*, *FileMakerPro®*, *COLLECTION Inc.*, and *SPECIFY*.

Word Processing

- *Microsoft Word*, *WordPerfect*, *Claris Works*, *Professional Write*, and *Adobe Illustrator*.

Spreadsheet

- *Microsoft Excel* and *Claris Works*.

Web Sites

- *Microsoft FrontPage®*, *Macromedia Dreamweaver®*, *HTML*, and *Macromedia Flash®*. Familiar with ASP, COLDFUSION, and PHP.

Additional Software

- *Adobe PhotoShop*, *Microsoft PowerPoint®*, *Surfer 4*, *Grapher*, *Adobe PageMaker*, and *Adobe Publisher*.

PROFESSIONAL EXPERIENCE

LABORATORY COORDINATOR

June 2001 - Present

Antonio J. Waring Jr. Archaeological Laboratory
Ray Crook Ph.D.; University of West Georgia; Carrollton, GA 30118

VOLUNTEER

Summer 2003; Job Completed

Houston Museum of Natural Science
Beth Copeland; Database Manager; 1 Hermann Circle Drive Houston, TX 77030

RESEARCH AIDE

January 2001 – May 2001; Job Completed

Museum of Texas Tech University
Gary Edson; Museum of Texas Tech University; 4th & Indiana. Lubbock, TX 79409

VOLUNTEER COLLECTIONS MANAGER & PREPARATOR

May 1998 - Graduated

Department of Paleontology
Sankar Chatterjee Ph.D.; Museum of Texas Tech University; 4th & Indiana. Lubbock, TX 79409

RESEARCH ASSISTANT

June 1998-December 2000; Graduated

Natural Science Research Laboratory
Robert Baker Ph.D; Museum of Texas Tech University; 4th & Indiana. Lubbock TX 79409

REGISTRATION PRACTICUM*Summer 1999; Job Completed*

Museum of Texas Tech University

Nicola Ladkein M.A.; Museum of Texas Tech University; 4th & Indiana. Lubbock TX 79409

VOLUNTEER FOSSIL PREPARATOR*August 1993 - May 1998; Graduated*

Sternberg Museum of Natural History

Greg Walters M.S.; Fort Hays State University; Hays, KS 67601

CURATORIAL ASSISTANT*August 1994 - December 1997; Graduated*

Sternberg Museum of Natural History

R. J. Zakrzeuski Ph.D; Fort Hays State University; Hays, KS 67601

VOLUNTEER CURATOR*June 1995 - May 1997; Graduated*

Fick Fossil and History Museum

Nancy Baalman M.B; 700 West 3rd Street; Oakley, KS 67748

FIELD ASSISTANT/RESEARCH ASSISTANT*Summer 1995; Job completed*

Sternberg Memorial Museum

Greg Liggett M.S.; Fort Hays State University; Hays, KS 67601

RESEARCH ASSISTANT*Fall 1993, Summer 1995, & Spring 1997; Job completed*

Geoscience Department

Ken Neuhauser, Ph.D; Fort Hays State University; Hays, Kansas, 67601

PRESENTATIONS

-
- 2005 - Southeastern Museum Conference. "Is Bar Coding Right for Your Collection in a Small to Mid-Size Institution?" Jekyll Island. Panel Chair (to be presented in October 7, 2005).
 - 2005 - Museum Computer Network's 33rd Annual Meeting. "Bar Coding and its Changing Technologies for Collections Management". Boston, Massachusetts. Panel Chair (to be presented November 4, 2005). Sponsored by the Information Technology SIG from MCN.
 - 2005 - Etowah Mounds Museum - Guest Speaker July Archaeological Presenters Series. "Behind the Scenes of Preserving Native American Village Sites: The Science of Protecting Artifacts
 - 2005 - West Georgia Youth Science and Technology Center. Xtreme Science Conference - "The Real Indiana Jones". An introduction to the Waring Laboratory's Public Education Program." Carrollton, Georgia.
 - 2004 - University of West Georgia. Archaeological Curation Seminar & Workshop hosted by the Antonio J. Waring, Jr. Archaeological Laboratory and sponsored by the Georgia Department of Transportation and the Federal Highway Administration, Georgia Division. Prepared and presented the afternoon workshop and assisted the Laboratory Director with the morning seminar.
 - 2000 - Museum of Texas Tech University - "Incorporation of Bar Code Capabilities to Existing Museum Databases." Thesis defense open house presentation.

- 1999 - American Association of Museums - Presenter (poster session). "Collections Management in the 21 Century". Cleveland, Ohio.
- 1995 - Kansas Academy of Science - Presenter (poster session) Awarded Honorable mention. Pittsburg, Kansas.

MANUSCRIPTS AND PUBLICATIONS

- **Fishman-Armstrong, S.E.**, H. Gardner, Dr. R.R. Monk, Dr. J. Indeck, G. Edson, N. Ladkin, and Dr. R. Baker. 7 July 2000. Incorporation of bar code capabilities to an existing museum database. Poster Presentation. Society for the Preservation of Natural History Collections. 15th Annual Meeting. Nova Scotia, Canada.
- **Fishman-Armstrong, S.E.** March 2000. Installing bar code capabilities in COLLECTION®. Newsletter. Vernon System Inc. New Zealand. 4 pp.
- **Fishman-Armstrong, S.E.** August 2000. Incorporation of bar code capabilities to an existing museum database. Masters Thesis. Texas Tech University. Lubbock, Texas. 181 pp. (unpublished)
- Whetstone, R., and **Fishman-Armstrong, S.E.**, June 2003. The Traveling Teaching Trunk and Mock Excavation Exercise Teacher's Guide. Antonio J. Waring, Jr. Archaeological Laboratory. (unpublished).

IN-HOUSE MANUALS

- **Fishman-Armstrong, S.E.**, H. Gardner, and M. Houle. May 2000 Data Enhancement Project at the Museum of Texas Tech University. Museum of Texas Tech University, Lubbock, Texas. In-house manual.
- **Fishman-Armstrong, S.E.** April 2000. Data enhancement project, including bar code capabilities, at the Panhandle-Plains Historical Museum. Panhandle-Plains Historical Museum. Canyon, Texas. In-house manual.
- **Fishman-Armstrong, S.E.** December 2000. Policy and Procedure for the Vital Tissue Collection. Museum of Texas Tech University, Lubbock, Texas. In-house manual.
- **Fishman-Armstrong, S.E.** November 2004. Standard Operating Procedural Manual for the Antonio J. Waring, Jr. Archaeological Laboratory. State University of West Georgia. In-house manual.

MEMBERSHIP/COMMITTEE WORK

- Staff Advisory Council (University of West Georgia) - Representative 2002-present; Public Relations Committee co-chair; Spring 2005-present.
- University Club Committee (University of West Georgia) - Member Spring 2005-present.
- American Association of Museums - Member 1998-present.
- Georgia Association of Museums and Galleries - Member 2004-present.
- Museum Computer Network - Member since 2004.
- Museum Science Students Association (Texas Tech University) - Member 1997-2000; Public Relations Committee 1997.
- Registrar's Committee of the American Association of Museums RG-AAM - Member 2002-present.
- Small Museum Administrators Committee - Member 2003-present.
- Society for American Archeology - Member 2004-present.
- Society for Georgia Archivists - Member 2004-present.

- Society for the Preservation of Natural History Collections - Member 1997-present.
- Society of Georgia Archaeologists – Member 2001-present.
- Southeastern Registrar's Association - Member 2001-present.
- Sternberg Museum of Natural History - Member since 1993.

INSTRUCTION

- Archaeological Collections Management Internship - Graduate Level. Supervised and instructed a graduate student in the Laboratory. Spring 2005.
- Archaeological Collections Management Internship - Graduate Level. Supervised and instructed a graduate student in the Laboratory. Summer 2003.
- Archaeological Curation and Collections Management - Assisted and taught the Laboratory Section under the supervision of the Laboratory Director. Fall 2002.
- Archaeology Collections Management Internship - Graduate Level. Supervised and instructed a graduate student in the laboratory. Summer 2002.
- Archaeological Field Methods – Assisted in the field and taught the Laboratory Section under the supervision of the Laboratory Director. Summer 2001.
- PHYS 309 Descriptive Astronomy - Assisted and taught the Laboratory Section under the supervision of the Astronomy Professor. Summer 1997.

GRANTS EARNED

- \$1,950 - FY2005. Student Research Assistant Grant. *Public Education Program* University of West Georgia
- \$1,950 - FY2004. Student Research Assistant Grant. *Continual development of the public education program that includes an archaeological pit and traveling activities for on and off campus.* University of West Georgia
- \$1,800 - FY2003. Student Research Assistant Grant. *Traveling teaching trunk and mock excavation.* University of West Georgia.

REFERENCES (Available upon request)