

**John Francis Chamblee**

1 January 2009

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**Education**

Ph.D., Anthropology, University of Arizona, 2006 Major: Archaeology Minor: Geography  
Dissertation Title: *Landscape Patches, Macroregional Exchanges, and Prehistoric Political Economy in southwestern Georgia.*

Chair: Paul R. Fish (Arizona State Museum)  
Committee: Gary L. Christopherson (Center for Applied Spatial Analysis)  
Suzanne K. Fish (Arizona State Museum)  
Stephen A. Kowalewski (Department of Anthropology, University of Georgia)  
Barbara J. Mills (Department of Anthropology)

M.A., Anthropology, University of Arizona, 2000  
Master's Report Title: *The Classic - Postclassic Transition in the Central Mixteca Alta, Oaxaca.*

A.B., Anthropology and Political Science, University of Georgia, 1996  
Honors Thesis Title: *Settlement Pattern Change at the Fishing Creek Tract, Greene County Georgia.*

**Professional Awards**

2003 Society for American Archaeology. Presidential Recognition Award for Distinguished Service

**Academic Honors**

University of Arizona

Departmental Nominee, School of American Research, Weatherhead Resident Scholar Fellowship Program  
Honorable Mention, 2004 Dozier Student Paper Competition. Department of Anthropology. Manuscript Title: "The Archaeological Reality of Mixtec *Cacicazgos*: A PATHDISTANCE Analysis of Heartlands and Hinterlands."

University of Georgia

*Magna Cum Laude*

Certificate of Graduation with High Honors  
Certificate of Graduation with Departmental Honors, Anthropology  
Department Head's Honor Roll, 1995-1996, Anthropology  
Member, Phi Beta Kappa National Honor Society  
Member, Golden Key National Honor Society  
Presidential Scholar, 1994-1996  
Dean's List, 1992-1994

**Grants and Fellowships**

10/07 -Co-Principal Investigator, International OpenGIS Initiative for Missing and Deceased Migrants, Office of the Medical Examiner, Pima County, AZ. (\$175,000)  
10/05-Raymond H. Thompson Dissertation Fellowship Fund, Arizona State Museum (\$350)  
4/99-5/04 National Science Foundation Graduate Fellowship 1999-2004 (\$66,500)  
4/04-SBSRI Graduate Dissertation Research Grant (\$600)  
1/04-Georgia Department of Natural Resources, HPD Archaeological Fieldwork Grant (\$2,000)  
10/03-National Science Foundation Dissertation Improvement Grant (\$12,000)  
4/03-William Shirley Fulton Anthropological Research Grant, University of Arizona (\$1,200)  
4/01-Emil W. Haury Fund Research Grant, University of Arizona (\$600)  
4/99-Emil W. Haury Fund Research Grant, University of Arizona (\$500)  
4/98 Archival Salvage Research Grant, Laboratory of Archaeology, University of Georgia (\$500)

**Research Foci**

The Anthropology of Social Boundaries, Regional and Macroregional Analysis, GIS, RDMS, Spatial Analysis

**Areal Foci**

Southeastern United States, Highland Mesoamerica, Southwestern United States

## Research Experience

- 1/2009–Present Scientific Computing Research Professional / Information Manager, Coweeta LTER.  
Provide for the security and accessibility of all data generated by researchers affiliated with the Coweeta LTER. Collaborate with LTER scientists on data development and research initiatives. Develop and execute regional scale, database-driven research initiatives.
- 8/07-12/08 Post-Doctoral Research Associate, Coweeta LTER, University of Georgia  
GIS Analysis support and collaboration in studies relating land use practices and government regulations to the quality of ecosystem services and environmental justice in southern Appalachian region of the southeastern United States. Supervisor: Dr. Ted Gragson.
- 8/07-12/08 Post-Doctoral Research Associate, Laboratory of Archaeology, University of Georgia.  
Collaboration in GIS-based macroregional studies relating reconstructions of ecological diversity and landscape variation to long term prehistoric settlement pattern change. Supervisor: Dr. Mark Williams
- Present Position: Visiting Scholar, Arizona State Museum. Continued Collaboration on GIS and Database Development projects in the Borderlands Archaeology Laboratory, Center for Applied Spatial Analysis, and AZSITE. Collaborators: Drs. Paul R. Fish, Gary L. Christopherson, and Barnet Pavao-Zuckerman
- 8/05-8/06 Graduate Research Associate, Center for Applied Spatial Analysis, University of Arizona.  
Developing ArcIMS, web-based data warehousing and distribution system for legacy projects developed by prior under prior CASA grants and by prior researchers. Supervisor: Dr. Gary L. Christopherson
- 7/05-8/05 Database Consultant, Society for American Archaeology  
Expanded security and error-checking functions for Program Chair's Database. Client Contact: Tobin A. Brimsek, Society for American Archaeology
- 6/05-8/05 Database Consultant, AZSITE Consortium, Arizona State Museum  
Developed the following extensions for the AZSITE state archaeological database: species –level data management for faunal materials, including a module to enforce taxonomic hierarchies and managing taxonomic synonymy; data entry and print functions for required state and federal forms. Supervisors: Dr. Barnet Pavao-Zuckerman and Rick Karl
- 8/04-12/04 Graduate Research Associate, Center for Applied Spatial Analysis, University of Arizona  
Relational database design & development: FAUNAZ: Conservation Applications of Archaeological Data Program. Supervisor: Dr. Gary L. Christopherson and Dr. Barnet Pavao-Zuckerman.
- 8/04-12/04 Graduate Research Associate, Southwest Land Culture and Society Program, University of Arizona  
Relational database design & development: Administrative Interface, Southwest Information Gateway Project. Supervisor: Drs. Paul R. Fish and Emily L. Jones.
- 8/99-8/04 National Science Foundation Fellow  
Co-Principal Investigator, Chickasawhatchee Archaeological Survey, a project focusing on social organization and variability among southeastern chiefdoms, specifically societies in the Chickasawhatchee Swamp, southwestern Georgia. GIS Administrator, Central Mixteca Alta Settlement Pattern Project.
- 8/02-6/03 Graduate Editorial Associate, *Latin American Antiquity*  
Database Administrator, *Latin American Antiquity*. Designed and maintain a database for tracking manuscripts submitted for publication. Supervisor: Dr. Suzanne K. Fish
- 6/01-6/03 Graduate Research Associate, Center for Applied Spatial Analysis, University of Arizona  
Developing database applications, spatial data sets, and analyses for research programs in several disciplines, including anthropology, sociology, geography, political science, and history. Supervisor: Dr. Gary L. Christopherson, various Social and Behavioral Science Faculty

- 6/01-8/01 Database Administrator, Society for American Archaeology  
Built new database system for compiling and publishing system Meeting Program and Abstracts. Received The Society for American Archaeology's Presidential Recognition Award for Distinguished Service in connection with this project. Supervisor: Tobi Brimsek, SAA.
- 8/00-1/01 Graduate Research Assistant, Society for American Archaeology  
Database Administrator, 2001 Annual Meeting Program Chair. Designed and implemented *MS Access* database to manage all aspects of preparation for the SAA Annual Meeting's Intellectual Program.  
Supervisor: Dr. Barbara J. Mills
- 1/99-6/99 Research Coordinator, Mixteca Alta Survey, Tlaxiaco, Oaxaca, Mexico.  
Participated in a full coverage surface collection survey of 1200 square kilometers of the Mixteca Alta in Oaxaca. Database Administrator: Designed and maintained database for organizing all field observations from 14 crew members. Trained all crew in database use and oversaw data validation procedures in the field laboratory. Supervisors: Drs. Stephen A. Kowalewski and Andrew K. Balkansky
- 8/98-1/99 Graduate Research Assistant, AZSITE, Arizona State Museum.  
Data entry technician for archaeological site information using MSAccess and Arcview GIS. Supervisors: Dr. Beth Grindell
- 6/98-8/98 GIS and Web Designer, Georgia Archaeological Site File, Department of Anthropology, University of Georgia.  
Supervised construction of Georgia Archaeological Site File web page and initiated migration of State Archaeological Database into ESRI GIS software. Supervisor: Dr. Mark Williams
- 9/97-3/98 Computer Services Specialist I, University of Georgia Department of Anthropology  
Provided hardware, software, and network support Department faculty and staff. Supervisor: Dr. Stephen A. Kowalewski
- 8/96-6/98 Research Technician, National Park Service Southeastern Archaeological Center, University of Georgia Works Project Administration Backlog Project.  
Categorized, classified, and curated University of Georgia collections from W.P.A. excavations in Chatham County, Georgia. Other duties included computer database, operating system, and hardware management.  
Supervisor: Dr. Mark Williams
- 6/96-8/96 Student Worker, Archaeological Field School, University of Georgia  
Participated in excavations at the Lamar Site (9BI2), part of Ocmulgee National Monument. Supervisor: Dr. Mark Williams
- 6/94-6/96 Manager, Georgia Archaeological Site File, University of Georgia, Athens  
Maintained and updated a database and cataloging system recording information for all archaeological sites in the State of Georgia. Supervised 1-4 persons. Maintained and upgraded all computers in the Archaeology Lab. Supervised office supply procurement. Provided research assistance for archaeologists from over 25 institutions. Coordinated office personnel in conducting a number of research projects using our database.  
Supervisor: Dr. Mark Williams

### **Teaching Experience**

- 8/06-8/07 Temporary Assistant Instructor, Department of Anthropology, University of Georgia  
Instructor of Record for Honors Introduction to Anthropology (ANTH 2120H – 15-20 Students) and Introduction to Anthropology (ANTH 1102 – 265 Students). Assistant Field Director, University of Georgia Archaeological Field School.

- 1/05-6/05 Graduate Research Associate, Department of Anthropology, University of Arizona.  
Field Supervisor, Spring Semester Field School. University of Arizona, Department of Anthropology, University of Arizona. Field and laboratory instructor for advanced field mapping and surveying techniques involving global positioning systems, electronic total station surveying instruments, Geographic Information Systems and relational database management systems. Supervisor: Drs. Paul & Suzanne Fish.
- 8/04-12/04 Laboratory Instructor, School of Renewable Resources  
Led weekly lectures and laboratory exercise for GEOG/SRNR 417: *GIS Fundamentals*.  
Supervisors: Dr. Gary L. Christopherson and Craig Wissler
- 1/03-6/03 Graduate Teaching Associate, Arizona State Museum  
Southwest Land Culture, and Society Course (ANTH 418/518). Supervisor: Dr. E. Charles Adams
- 8/00-1/01 Graduate Research Assistant, Marana Mound Project, University of Arizona  
Field Technician: Conducted preliminary excavations with the Marana Platform Mound project. Database administrator: Coordinated efforts of two graduate students to develop and maintain a relational database designed for Marana Mound Project excavations and artifacts. Supervisors: Drs. Paul R. Fish, Suzanne K. Fish, and James Bayman
- 6/97-9/97 Field Supervisor, University of Georgia Summer Archaeological Field School Program  
Provided supervisory and logistical support on three archaeological investigations conducted by 15 students. Supervisor: Dr. Mark Williams

## **Publications**

### In Preparation

The Land Ownership Persistence Index: An Empirical Approach to Detecting Short-Term Episodes of Exurban Residential Growth. Manuscript in preparation for submission to *Ecology & Society*.

Re-examining the Mississippian Emergence: Regional Continuity in the Chickasawhatchee Swamp.. Manuscript in preparation for submission to *Southeastern Archaeology*.

Ñuu and Yuhuitayu: Multiscalar Analysis of Political and Economic Integration. Manuscript in revision for submission to *Latin American Antiquity*.

Structural Violence and the Landscape: U.S. Border Policy and Migrant Deaths in southern Arizona. Manuscript in preparation for submission to *Human Organization*.

Chamblee, John F. and Xinyu Ren

Surface Geology, Soils and Settlements in the Central Mixteca Alta. Manuscript in preparation for submission to the *Journal of Archaeological Method and Theory*.

### In Press

John F. Chamblee, Carolyn Dehring, and Craig A. Depkin

Watershed Development Restrictions and Land Prices: Empirical Evidence from Southern Appalachia. Submitted to *Regional Science and Urban Economics*, Accepted for publication, October, 2008.

### Books

Kowalewski, Stephen A. Andrew K. Balkansky, Laura R. Stiver, Thomas J. Pluckhahn, John F. Chamblee, Verónica Pérez Rodríguez, Verenice Y. Heredia Espinoza, Charlotte A. Smith

2009 *The Origins of the Ñuu: Archaeology in the Mixteca Atla, Mexico*. Submitted to the University of Colorado Press June, 2005. Anticipated Release Date: 1/2009.

### Refereed Journal Articles

Balkansky, Andrew, Stephen A. Kowalewski, Laura R. Stiver, Thomas J. Pluckhahn, Dmitri Beliaev, John F. Chamblee, Verence Heredia Y., Veronica. Pérez Rodríguez, Roberto. Santos Pérez and Charlotte. A. Smith  
2002 Prehispanic Settlement Patterns in the Central Mixteca Alta, State of Oaxaca, Mexico. *Journal of Field Archaeology*.

### Non-refereed Journal Articles

Chamblee, John F., Thomas Neumann and Barnet Pavao

1998 Archival Salvage of Plant Hammond (9FL3). *Early Georgia*:26(2):Entire Volume. With contributions by Thomas Neumann and Barnet Pavao.

1997 The Fishing Creek Survey. *Early Georgia*: 25(1):55-84.

### Newsletter Articles

2001 Chamblee, John F. and Mills, Barbara J.  
Archaeology in 2001: Current Research Based on the SAA Annual Meeting Program. *The SAA Archaeological Record*. 1(5):24-28.

### Book Reviews

2008 Chamblee, John F.  
"Archaeology of the Lower Muskogee Creek Indians, 1715-1836, by Thomas H. Foster, III" *Journal of Field Archaeology*. 33(4):354-357.

### Technical Reports

#### *Field Reports*

2001 Excavations at Compound 5, Room 1 of the Marana Mound Site AZ AA:12:251(ASM), Marana, Arizona. Manuscript on File, Borderlands Laboratory, Arizona State Museum.

2000 Pérez-Rodríguez, Veronica; Verence Heredia Y Espinoza and John F. Chamblee  
Informe comunitario a la agencia de Refugio de Morelos, Municipio de San Juan Teposcolula, proyecto Patronos de Asentamiento de la Mixteca Alta Central 1999. Manuscript on File, Laboratory of Archaeology, University of Georgia.

2000 Pérez-Rodríguez, Veronica; Verence Y. Heredia Espinoza and John F. Chamblee  
Informe comunitario a Santiago Nundichi, Proyecto Patronos de Asentamiento de la Mixteca Alta Central 1999. Manuscript on File, Laboratory of Archaeology, University of Georgia.

2000 Pérez-Rodríguez, Veronica; Verence Y. Heredia Espinoza and John F. Chamblee  
Informe comunitario a Tejupan Villa de la Unión, Proyecto Patronos de Asentamiento de la Mixteca Alta Central 1999. Manuscript on File, Laboratory of Archaeology, University of Georgia.

#### *Laboratory Reports*

2001 Technical Manual: Society for American Archaeology Program Chair Database. Manuscript on File, Society for American Archaeology, Washington, D.C.

2001 The Society for American Archaeology Program Chair's Database Guide (a manual for the overwhelmed and understaffed). Manuscript on file, Society for American Archaeology, Washington, D.C.

1997 *Operations Manual: Georgia Archaeological Site File*. Laboratory of Archaeology Technical Manual 2. Department of Anthropology, University of Georgia, Athens. 1<sup>st</sup> Edition.

1997 *An Introduction to the Southeastern Archaeological Center's ACS Program at the University of Georgia*. Laboratory of Archaeology Technical Manual 3. Department of Anthropology, University of Georgia, Athens.

Chamblee, John F. and Mark Williams

1997 *Finding Yourself in Modern and Ancient World: The Ecological Anthropologist's Guide to the Sokkia 6F Total Station*. Laboratory of Archaeology Technical Manual 5. Department of Anthropology, University of Georgia, Athens. (Revised in 2001 and 2005 for the University of Arizona Field Schools).

1996 *The Georgia Archaeological Site File and You: Information for the Avocational Archaeologist*. Special Publication of the Society for Georgia Archaeology and the Georgia Archaeological Site File. Laboratory of Archaeology Technical Manual 1. Department of Anthropology, University of Georgia, Athens.

### **Conference Presentations**

#### Invited Papers and Posters

- 2004 Kowalewski, Stephen A., Charlotte A. Smith, Verenice Y. Heredia Espinoza, and John F. Chamblee. The Highland Mesoamerican Classic: Small States. Paper Presented at the Third International Conference "Hierarchy and Power in the History of Civilizations," Russian National Academy of Sciences, Moscow, Russia.
- 2003 The Chickasawhatchee Archaeological Survey: A Report on the First Summer and a Glimpse of What's to Come. Paper Presented at the 2003 Symposium on Coastal Plain Archaeology. Douglas, GA.
- 2003 Modeling Borders using Path/Distance Analysis: A Quantitative Approach to Defining Polities. Paper presented at the 68<sup>th</sup> Annual Meeting of the Society for American Archaeology, Milwaukee, Wisconsin.
- 2002 La Realidad Arqueológico de Los Cacicazgos Mixtecos. Poster Presented at the Third Monte Albán Round Table: *Estructura Políticas en el Oaxaca Antiguo*. Oaxaca City, Oaxaca, Mexico.
- 2000 The Classic - Postclassic Transition in the Central Mixteca Alta, Oaxaca. Paper Presented at the International conference, *Alternative Pathways to the Early State*, Russian National Academy of Sciences, Moscow, Russia.

#### Presented Papers and Posters

- 2008 John F. Chamblee and Mark Williams. A Falcon's View of Prehistoric Georgia. Paper presented at the 2008 Meeting of the Association of American Geographers, Boston, MA.
- 2007 John F. Chamblee and Mark Williams. Project Areas, Point Patterns, and Prehistoric Settlement: A Quantifiable Approach to Dispersal and Variation. Paper presented at the 64<sup>th</sup> Annual Meeting of the Southeastern Archaeological Conference, Knoxville, TN.
- 2007 Disturbance, Landscape Structure, and Settlement Pattern Variation: The Panarchy as a New Model? Paper presented at the 72<sup>nd</sup> Annual Meeting of the Society for American Archaeology, Austin, Texas.
- 2006 John F. Chamblee, Gary L. Christopherson, Mark Townley, Daniel DeBorde, Rev. Robin Hoover. Mapping Migrant Deaths in Southern Arizona: The Humane Borders GIS. Paper presented at the 2006 International ESRI User Conference, San Diego California
- 2006 Macroregional Perspectives on Ecology and Political Economy in the Chickasawhatchee Swamp. Paper presented at the 71<sup>st</sup> Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico.
- 2006 Chamblee, John F. Rocio Magaña and Bruce E. Anderson. Reaping the Benefits without Counting the Cost: Undocumented Immigrant Laborers and U.S. Border Policies in the American Southwest. Poster presented at the 2006 Annual Meeting of the Society of Economic Anthropology, Ventura County, California.

- 2005 New Insights from the Same Old Strata: Intra-Site Patterns and Regional Settlement Trends from the Chickasawhatchee Swamp. Poster presented at the 62<sup>nd</sup> Annual Meeting of the Southeastern Archaeological Conference, Columbia, South Carolina.
- 2005 A. J. Vonarx and John F. Chamblee  
Sedimentological and Geochemical Approaches for the Identification of Prehistoric Living Surfaces along Chickasawhatchee Creek, southwestern Georgia. Poster presented at the 62<sup>nd</sup> Annual Meeting of the Southeastern Archaeological Conference, Columbia, South Carolina
- 2005 Christopherson, Gary L.; Paul R. Fish; Suzanne K. Fish, John F. Chamblee; Phillip O. Leckman  
Integrating ArcGIS and ArcPAD in an Archaeological Field School. Paper presented at the 25<sup>th</sup> Annual ESRI User Conference, San Diego, California.
- 2005 Regional and Intra-Site Settlement Patterns in the Chickasawhatchee Swamp, Georgia. Paper presented at the 70<sup>th</sup> Annual Meeting of the Society for American Archaeology, Salt Lake City, Utah.
- 2004 Regional Survey and Intra-site Patterns in the Chickasawhatchee Swamp, Georgia. Paper presented at the 61<sup>st</sup> annual meeting of the Southeastern Archaeological Conference, St. Louis, MO.
- 2002 Chamblee, John F. and Frankie Snow  
The Archaeology of the Chickasawhatchee Swamp and its Environs: An Introduction. Paper presented at the 59<sup>th</sup> annual meeting of the Southeastern Archaeological Conference, Biloxi, Mississippi.
- 2001 The Classic-Postclassic Transition in the Central Mixteca Alta: Complexity in a Fragmented Landscape. Paper Presented at the Fifth Biennial Meeting of the Complex Society Group, Phoenix, Arizona.
- 2001 The Classic Postclassic Transition Revisited: New Data from the Central Mixteca Alta, Oaxaca. Paper presented at the 66<sup>th</sup> Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana.
- 1999 Chamblee, John F. and Thomas Neumann  
The Enigmatic Clay Eggs of Plant Hammond: preliminary results from petrography and other laboratory tests. Paper presented at the 56<sup>th</sup> annual meeting of the Southeastern Archaeological Conference, Pensacola, Florida.
- 1997 The Resurrection of The Plant Hammond Mound (9FL3). Paper presented at the 54<sup>th</sup> annual meeting of the Southeastern Archaeological Conference, Baton Rouge, Louisiana.
- 1997 Settlement Pattern Change at the Fishing Creek Tract, Greene County, Georgia. Paper presented at the Fall meeting of the Society of Georgia Archaeology. Carrollton, Georgia.

#### **Invited Lectures**

- 2005 Frontiers, Boundaries, and Macroregional Analysis: Three Case Studies. Fall Guest Lecture Series. Department of Anthropology, University of Arizona.

#### **Outreach Lectures**

- 2006 Frontiers, Boundaries, and Macroregional Analysis: Three Case Studies. Brown Bag Lecture Series. Arizona State Museum, University of Arizona.
- 2005 The Humane Borders Geographic Information System: Mapping the Deaths of Undocumented Migrants in Southern Arizona. Pima County GIS Fair, Tucson, AZ.
- 2004 The Farmers of Ocute: The Archaeology of Reynolds Plantation. Companion Technologies, Inc., Greensboro, GA

- 2004 Politics and Ecology in the 11<sup>th</sup> through 15<sup>th</sup> Centuries. Lecture presented at The Joseph W. Jones Ecological Research Center, Newton, GA.
- 2004 The Chickasawhatchee Archaeological Survey: Preliminary Results and Future Plans. Lions Club Lecture, Albany, GA.
- 2004 Politics and Ecology in the 11<sup>th</sup> through 15<sup>th</sup> Centuries. Lecture presented at Tall Timbers Ecological Research Station, Tallahassee FL.
- 2003 The Chickasawhatchee Archaeological Survey: Plans and Prospects. Lions Club Lecture, Edison, GA.
- 2001 Social Complexity across Two Millennia: Regional Archaeology in Highland Mesoamerica. University of Arizona. NSF Graduate Fellow Research Brown Bag
- 2001 Murphy, John T. and John F. Chamblee  
Got Data?: Relational Databases and the Management of Anthropological and Archaeological Data. Brown Bag Lecture Series: Department of Anthropology, University of Arizona
- 2000 The Maya of Tulum. Annual Meeting, Companion Property Corporation, Cancún, Mexico.

#### **Database and GIS Development Projects**

- 2008 *Swannanoa Valley Photovoice Project*. Data collection and analysis project concerning informant generated photographs of landscapes and land uses in western North Carolina. Platform(s): MS Access and ESRI ArcGIS. Features: custom front-end interface, integrated table design for RDMS and GIS analysis. Collaborator(s): Anne Sourdril. Status: Active.
- 2008 *Southeastern Native American Platform Mound Database*. Data collection and analysis project of published and unpublished temporal, spatial, and morphological data concerning prehistoric earthen mounds. Platform(s): MS Access and ESRI ArcGIS. Features: custom front-end interface, integrated table design for RDMS and GIS analysis. Collaborator(s): David Hally. Status: Active.
- 2008 *UGABALL – University of Georgia Archaeological Box and Location Library*. Long-term data and barcode management system for the University of Georgia Laboratory of Archaeology’s Curation Facility. Platform(s): MS Access. Features: custom front-end interface, built for a Samsung Q1 ultra hand-held computer, legacy dataset management. Collaborator(s): Mark Williams, Jared Wood. Status: Completed.
- 2008 *Coweeta LTER Long-Term Data Integration Project*. Data collection project designed to discover standardize, and make publicly available long-term data sets collected within the Coweeta Creek basin. Platform(s): MS Access. Features: query-driven report functions, file system integration capability. Collaborator(s): Ted Gragson, Barrie Collins. Status: Active.
- 2008 *Cold Springs Site Digital Data Catalog*. Data collection project to for artifact catalog sheets from late 1970s era excavation and laboratory analysis project. Platform(s): MS Access and Visual Basic. Features: custom front-end interface, multi-user data-management scheme, script driven data integration. Collaborator(s): Mark Williams. Status: Completed.
- 2008 *Coweeta Regional County Government History Catalog*. Data collection project concerning historic records of legal frameworks for counties in the Coweeta LTER study area. Platform(s): MS Access. Features: custom front-end interface, integrated table design for RDMS and GIS analysis. Collaborator(s): Carolyn Dehring, Ted L. Gragson. Status: Active.
- 2008 *Coweeta Regional Historic Maps Catalog*. GIS data collection project concerning late 19<sup>th</sup> and early 20<sup>th</sup> century post offices, public buildings, and soils in the Coweeta LTER study area. Platform(s): ESRI ArcGIS and SQL Server Express. Features: FGDC Compliant Data suitable for export to EML 5, integrated table design for RDMS and GIS analysis. Collaborators: Ted L. Gragson and Katherine Neder. Status: Active.

- 2007 *Georgia Archaeological Site File Macroregional Analysis Project.* Geodatabase development and data collection project concerning macroregional archaeological settlement patterns. Target data sets include project area boundaries for all Cultural Resource Management projects in Georgia, as well as geo-spatially referenced historic maps of published statewide physiographic divisions. Platform: ESRI ArcGIS. Features: legacy dataset management Collaborator(s): Mark Williams, John Turck, and Eric McCrae. Status: Active.
- 2007 *Abense Topology Project.* GIS database development project to link three centuries of parcel matrices from the south of France to a common geo-referencing system. Platform(s): MS SQL Server Express and ESRI ArcGIS. Features: FGDC Compliant Data suitable for export to EML 5, integrated table design for RDMS and GIS analysis. Collaborator(s): Ted Gragson, Josh Egenolf. Status: Completed.
- 2007 *International OpenGIS Initiative for Missing and Deceased Migrants.* Data collection and database development project to link missing person reports and post-mortem analysis data concerning undocumented migrants in southern Arizona. Platform(s): MS Access, ESRI ArcGIS, MS SQL Server, .NET. Features: expert systems design, custom front end user interfaces in both Access and via .NET, query-based report functions, integrated table design for RDMS and GIS analysis. Collaborator(s): Bruce Anderson, Gary L. Christopherson, John Moeller, Robin Hoover, Robin Reineke, Francisco Baires, Mike Malone. Status: Active.
- 2006 *Buncombe County Parcel Topology Project.* GIS database development project to link five one-year snapshots of parcel matrices and 10 years of continuous parcel sale data to spatially-referenced attribute data concerning land use and environmental regulations in Buncombe County, North Carolina. Platform(s): MS SQL Server and ESRI ArcGIS. Features: FGDC compliant Data suitable for export to EML 5, integrated table design for RDMS and GIS analysis. Collaborator(s): Carolyn Dehring, Craig A. Depken II. Status: Active.
- 2006 *Forecasting Fine Sediments in the Southern Appalachian Region.* Remote sensing based land-cover and physiographic data collection project to provide basic environmental parameters for the forecasting of fine sediment loads within selected streams in southern Appalachia. Platform(s): MS Access, Arc/INFO, Visual Basic, AML, MS Excel. Features: AML-script driven data collection, legacy dataset management. Supervisor(s): David Leigh. Collaborator(s): Charles Fievet, Barrie Collins, James C. Rogers. Status: Completed.
- 2005 *AZSITE Reporting Modules.* Database model and user interface design project to allow AZSITE users to have one-stop application for producing archaeological site reporting for the State of Arizona, the U.S. Forest Service, and the Bureau of Land Management. Platform(s): MS Access. Features: custom front-end user interface, query and script driven reporting functions, legacy dataset management. Supervisor(s): Rick Karl.
- 2005 *Tumamoc Hill Total Station Precision Mapping Project.* Data collection project to provide precisely geo-referenced maps of prehistoric archaeological features on the summit of Tumamoc Hill, AZ. Platform(s): Leica Geosystems, MS Excel, MS Access, ESRI ArcGIS. Features: integrated table design for RDMS and GIS analysis. Supervisor(s): Paul R. Fish, Suzanne K. Fish, Gary L. Christopherson. Collaborator(s): Phil Leckman. Status: Completed.
- 2004 *FAUNAZ.* Data collection and management project concerning site-level zooarchaeological data on the presence or absence of animal species at excavated archaeological sites. Platform(s): MS Access, Access Data Projects for MS SQL Server, Visual Basic. Features: custom front-end user interface, script-driven dynamically updated data entry modules for use in enforcement of accurate data entry with regard to the taxonomic hierarchy. Supervisor(s): Barnet-Pavao-Zuckerman, Gary L. Christopherson, and Rick Karl. Status: Completed.
- 2004 *Southwest Information Gateway Admin Portal.* User interface development project to provide remote administrative content management for the Southwest Land Culture and Society Program's Southwest Information Gateway. Platform(s): PHP and mySQL. Features: custom front-end user interface, user and group level access. Supervisor(s): Paul R. Fish and Emily L. Jones. Status: Superseded.

- 2003 *Chickasawhatchee Archaeological Survey Database*. Collection, management, and analysis project providing multi-scalar integration of settlement pattern, architectural, and artifact data from archival, survey, testing, and excavation contexts. Platform(s): MS Access and ESRI ArcGIS. Features: custom front-end user interface, script and query driven reporting functions, integrated table design for RDMS and GIS analysis. Collaborator(s): James C. Waggoner, Jr. Status: Active.
- 2003 *Humane Borders Water Station and Migrant Death Database*. Data collection, management and analysis project to aid Humane Borders, Inc. in their mission to raise awareness of risks facing undocumented migrants crossing the border in southern Arizona. Platform(s): MS Access and ESRI ArcView 9.2. Features: custom front-end interface, integrated table design for RDMS and GIS analysis. Collaborator(s): Robin Hoover, Sue Ann Goodman, Mark Townley, Gary L. Christopherson. Status: Active.
- 2002 *Latin American Antiquity Editorial Tracking Database*. Data collection and management project to track manuscript submissions and reviews for publications in the Society for American Archaeology's research journal for Latin America. Platform: MS Access. Features: custom front-end user interface, query and script-driven reporting functions. Supervisor(s): Suzanne K. Fish. Status: Unknown.
- 2001 *Society for American Archaeology Program Chair's Database*. Data management project allowing the SAA's annual Program Chair efficiently create organization's annual meeting intellectual program. Platform(s): MS Access, Visual Basic. Features: custom front-end user interface, query and script based reporting functions, script-driven business processes to ensure compliance with meeting participation rules, split-front-end/backend design to facilitate network use, tiered user and group level access, data encryption, script-driven legacy data management and import functions. Supervisor(s): Barbara J. Mill, Maurice Harris, Tobi A. Brimsek. Status: Superseded.
- 2001 *Marana Platform Mound Database*. Collection, management, and analysis project concerning survey, excavation, settlement pattern, architectural, and artifact data from the Marana Platform Mound Site. Platform: MS Access. Features: custom front-end user interface, query-driven reporting functions, legacy data management, integrated table design for RDMS and GIS analysis. Supervisor(s): Paul R. Fish and Suzanne K. Fish. Collaborator(s): Cory Harris and Phil Leckman. Status: Active.
- 1999 *Central Mixteca Alta Data Management Module*. Collection, management, and analysis project concerning survey, excavation, settlement pattern, architectural, and artifact data from the Central Mixteca Alta Settlement Pattern Project. Platform(s): MS Access, Visual Basic, and ESRI ArcGIS. Features: custom front-end user interface, macro-driven reporting function, script-driven business process designed to generate multiple human population estimates from archaeological settlement pattern data, script driven tools for data QA/QC, integrated table design for RDMS and GIS analysis. Supervisor(s): Andrew K. Balkansky and Stephen A. Kowalewski. Status: Active.

### **Professional Service**

2007-present Chair, Website Committee, Georgia Council of Professional Archaeologists

2004 Referee: *American Antiquity*

2001-2002 Referee: *Arizona Anthropologist*

### **Professional Memberships**

Georgia Council of Professional Archaeologists, Society for Georgia Archaeology, Southeastern Archaeological Conference, Society for American Archaeology, Society for Economic Anthropology, Association of American Geographers

### **Community Service**

2007-present Director of Research, Board of Directors: Humane Borders, Incorporated, Tucson, AZ.

2003-2007 Geographic Information System and Relational Database Consultant, Humane Borders

2001-2002 Networking and Technology Consultant, St. Mark's Presbyterian Church

1997-1998 President and Founder, Community Networking (ComNet – Computer Services for Local Non-Profits)

1994-1997 Networking and Technology Consultant, Project Safe, Athens, GA (a battered women's shelter)

1993-1994 Chair, Environmental Affairs Committee, Student Government Association, University of Georgia

**Specialized Archaeological Skills**

Electronic Instrument Survey (Total Stations and Differentially Corrected Global Positioning Systems)  
Compliance with Federal Curation Guidelines  
Database Design for Enterprise-Scale CRM projects

**Computer Skills**

Geographic Information Systems Database Development and Analysis (All ESRI Products)  
Relational Database Design (MS Access, MS SQL Server, Visual Basic for Applications, MySQL)  
Server and Scripting Applications (Apache, Tomcat, PHP)  
Network Management (TCP/IP, Cisco Firewall Appliances)

**Languages**

English (native speaker), Spanish (intermediate technical and conversational)

**References available upon request.**