

# ERIN WESTFALL

## Contact Information

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## Education

MS in Geography, Florida State University, 2005

BA in Anthropology Major in Archaeology, New College of Florida, 2001

## Technical Knowledge

ESRI ArcGIS 9.x

ESRI ArcIMS 3.x

MS Access

Javascript

HTML

Flash Animations

Visual Basic

## Languages

English

Spanish

## Affiliations

Association of American Geographers

Association of American Geographers, GIS Specialty Group

## Scholarships and Grants

Florida State University Graduate Research Assistantship (2003-2005)

New College Foundation Travel Grant (1999)

## Professional Experience

**GIS Manager, Private Consultant ( 2010-Present)** – Technical advisor for projects sponsored by organizations including the National Science Foundation (NSF), United States, and the Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), Argentina. Responsible for designing and maintaining project websites, as well as data collection and organization. Developed several web-based GIS application using tools such as Google Maps.

**GIS Manager, Advanced Resource Technology Group – The University of Arizona ( 2007- 2010)** – Managed several projects that analyzed watershed health using spatial analysis and modeling. Maintained project websites, and created web-based GIS products. Created and maintained relational databases. Responsible for creating high quality cartographic products for publications and educational materials. Conducted several workshops for the general public on GIS as well as how to maintain healthy watersheds.

**GIS Analyst, Florida Department of Transportation/Wilbur Smith Associates (2005-2007)** – Provided support and assistance to the Florida Department of Transportation through various GIS analysis and mapping activities for a number of projects. Responsible for creating cartographic products and performing spatial analysis for official Department of Transportation publications. Assisted in developing a linear referencing system involving major Florida railways, as well as updating several web pages for the Systems Planning department of the Florida Department of Transportation. Aided in the management of large datasets through the use of both Oracle and Access.

**Research and Teaching Assistant, Florida State University, Geography Department (2003-2005)** - Conducted a feasibility study for the Department's new one-year applied MS degree in Geographic Information Science. Responsible for aiding several members of the faculty with their teaching and research duties. Instructor for an undergraduate level Environmental Science course.

**GIS/Archeological Technician, Southeast Archeological Center of the National Park Service (2004)** - Developed data standards for many of the Center's GIS datasets for all the National Parks in the Southeastern US. Conducted phase one and two excavations at a mid-18<sup>th</sup> Century Plantation site at Cumberland Island National Seashore, and curated all finds from this project.

**GIS/Archaeological Technician, J.M. Waller Associates, Inc., Fort Stewart, Georgia (2001-2002)** Utilized GIS software and GPS technology to better monitor and maintain archaeological sites for the Environmental Division of the Fort Stewart Department of Public Works. Aided other branches of the Environmental Division in collecting spatial data, on environmentally sensitive areas, such as wetlands. Conducted several phase one archaeological surveys and phase two excavations at both historic and prehistoric sites.

**Research Assistant, Department of Anthropology, New College of Florida, Sarasota, Florida (2000)** - Assisted Dr. Anthony P. Andrews with the *Proyecto Costa Maya* Project. Aided in intensive mapping and surveying activities, as well as limited archaeological excavations in Yucatán, Mexico. Responsible for creating maps of selected sites, and basic reconnaissance.

## **References**

**Annette Lapkowski** – Florida Department of Transportation  
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