

JONATHAN A. DEAN, MA
ENVIRONMENTAL SCIENTIST

MICHAEL G. CZERWINSKI, P.A.

Environmental Consultants

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Education:

Ph.D. candidate, Anthropology, University of South Florida

M.A. Anthropology, Florida Atlantic University, 2002

B.A. Anthropology, University of Kentucky, 1996

Professional Organizations:

Register of Professional Archaeologists

Southeastern Archaeological Conference

Society for American Archaeology

NAUI (SCUBA Open Water I, 1994)



BACKGROUND

Jonathan Dean is a professional archaeologist with over 14 years of experience in Florida and the Southeastern U.S. He has an M.A. degree in Anthropology and is currently pursuing a Ph.D. degree in Public Archaeology at the University of South Florida. He specializes in Southeastern prehistory and also has training in soil science, geomorphology, and geoarchaeology. In 2003, he founded *Prehistoric Rising* to provide private consulting in cultural resource management to state and county agencies and local citizens in the State of Florida. Mr. Dean acts as Principal Investigator on all projects and is responsible for management of the company, contract acquisition, project oversight, and agency coordination. He has extensive experience with state and federal laws regarding cultural resources including the National Historic Preservation Act, (esp. Section 106) and its implementing regulations 36 CFR Part 800 and all *Prehistoric Rising* reports meet or exceed professional reporting standards set by the Secretary of Interior and the Division of Historical Resources. *Prehistoric Rising* is oriented to assist clients of *Michael G. Czerwinski, P.A. Environmental Consultants* in need of archaeological services on a contract by contract basis.

Mr. Dean is also a Research Associate at the *Gulf Archaeology Research Center*, where he participates in cultural assessment surveys and helps design and carryout long-term, research-oriented archaeological and geophysical projects. The research projects are geared to meet immediate management goals of the sponsoring state agency or public company, but also contribute to understanding cultural ecological relations between humans of the environment in the past and/or service public education about Florida's natural and cultural history.

Finally, Mr. Dean is a part-time Environmental Scientist at *Michael G. Czerwinski, P.A. Environmental Consultants*, responsible for conducting wildlife and habitat assessments, recording and identifying cultural resources within project sites subject to Phase I Environmental Assessments, and assisting in geo-physical testing and analyses.

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PROFESSIONAL EXPERIENCE

Owner and Principal Archaeologist, *Prehistoric Rising*, Homosassa, Florida

April 2003 to present. Private archaeological consulting operation providing cultural resources assessment studies (Phase I, II, and III mitigation) for state and county agencies and private firms and clients throughout Florida; National Register nominations; design and manufacture of museum exhibits; educational programming in natural sciences and anthropology; and other archaeological services.

Environmental Scientist and Archaeological Consultant, *Michael G. Czerwinski, P.A., Environmental Consultants*, Lecanto, Florida

July to September 2003; 2006 to present. Private environmental consulting operation providing wildlife and habitat assessments, wetland jurisdictional delineations, GIS analysis, Phase 1 Environmental Assessments, geophysical testing, and archaeological consulting.

Research Associate, *Gulf Archaeology Research Institute*, Crystal River, Florida

December 2002 to present. Not-for-profit archaeological research institute oriented toward understanding the changing dynamic interaction between the natural environment and humans in the past to assist or manage present and future populations living in the Atlantic Coastal Plain through research in archaeology and the natural sciences.

Archaeological Crew Chief, *Florida Archaeological Services, Inc.*, Jacksonville, FL

January 1997 to August 2000. Small business in archaeology providing Phase I, II, and III cultural resources assessment studies for the state, county, and local sectors; National Register nominations; and historic architectural surveys.

PROJECT RELATED EXPERIENCE

Select project related experiences with *Michael G. Czerwinski, P.A., Environmental Consultants*

Biological Inventory and Habitat Assessments, Gopher Tortoise Surveys, Gopher Tortoise Incidental Take Permit and Gopher Tortoise Relocations at Arbor Lakes, Shalenoah, West Chase-Crystal Oaks, and Ranch Estates Subdivisions, and the Brentwood and Meadowcrest Wastewater Treatment Plants in Citrus County and Rainbow Springs Tracts F and K in Marion County. (2003-2006). Responsible for evaluating habitat and likelihood of occurrence or presence of listed species and locating and recording gopher tortoise burrows.

Jurisdictional Wetland Delineation Inspection of the Van Ness Tract, Citrus County. (2006). Assisted with field reconnaissance to accurately locate and map jurisdictional wetland boundaries.

Gopher Tortoise Burrow Survey, Biological Assessment, and Wading Bird Inventory of the Roscow Farms Project Site, Citrus County. (on-going). Responsible for locating and recording gopher tortoise burrows via pedestrian surveys, evaluating habitat and likelihood of occurrence or presence of listed species, and identifying flora and animal wildlife in terrestrial and wetland settings.

Select project related experiences with *Prehistoric Rising* and the *University of South Florida*

Phase II Archaeological Investigation of Site 8Pa2350, Pasco County, Florida. (2005-2006). Principal Investigator, responsible for geophysical testing, topographic mapping, and conducting or directing all test unit excavations and stratigraphic analyses. Late Archaic-Safety Harbor periods.

Comprehensive Cultural Resource Survey of the Weedon Island Preserve, Pinellas County, Florida. (2004-2005). Crew Chief (prehistory), responsible for geophysical testing, geomorphic mapping, locating and recording prehistoric sites via aerial photograph interpretation, terrestrial and boat-based reconnaissance, and shovel testing; assessing significance and integrity of found sites; presenting project findings to public; co-authoring final technical report. Dr. B. Weisman, Principal Investigator, University of South Florida.

Phase I Cultural Resources Assessment Surveys in Citrus (n=1), Marion (n=1), and Pasco (n=6) Counties Florida. (2004-2005). Principal Investigator, responsible for geophysical testing, modeling, and Conducting or directing all fieldwork to identify, record, and assess cultural resources. Archaic-Weeden Island and Historic periods.

Select project related experiences with Gulf Archaeology Research Institute

Bathymetric Mapping and Sedimentary Study of Rainbow Springs and Blue Run, Marion County, Florida. (2005-2006). Research Associate, responsible for taking boat-based bathymetric readings, stratigraphic description of cores, particle size analysis, organic content, and chemical analysis of cores. G. D. Ellis, Principal Investigator.

Archaeological Recovery of Disturbed Shell Midden from the Sea-wall Excavations at the Crystal River Site (8Ci1), Citrus County, Florida. (2003). Co-Principal Investigator, responsible for mapping and excavated disturbed midden deposits, sediment analyses, artifact illustration, and report write-up.

Cultural Resource Assessment Surveys in the Scrub Jay, Crystal Riverbank, and South Withlacoochee River Tracts of the St. Martins Marsh Aquatic Preserve/Crystal River State Buffer Preserve, Citrus County, Florida. (2001-2004). Research Associate, responsible for locating and recording archaeological sites via terrestrial and boat-based reconnaissance and shovel testing; assess integrity of cultural resources and co-author technical reports. Archaic-Historic periods. G. D. Ellis, Principal Investigator.

ADVANCED TRAINING and SEMINARS

Graduate Seminars in Eco-hydrology, Alluvial Geomorphology, and Florida Landforms. Directed by Dr. R. Brinkmann and Dr. M. Rains, University of South Florida. (2005-2006)

Osteology and Human Burial Excavation – Field School at the Wickliffe Mounds Research Center, Kentucky. Supervised by Dr. K. Wesler (Murray State University) and H. B. Matternes (University of Tennessee). (1993-1994).

Seminars in Osteology, Forensic Anthropology, and Paleopathology. Directed by Dr. M. L. Powell, University of Kentucky, William S. Webb Museum and Dr. S. Savage, Eastern Kentucky University. (1993-1994).

REPORTS, PUBLICATIONS & PRESENTATIONS

2006 *A Phase II Archaeological Investigation of Site 8Pa2350, Pasco County, Florida.* Prehistoric Rising, Homosassa, FL.

2005 "Coastal Processes and Anthropogenic Factors Influencing the Geomorphic Evolution of Weedon Island, Florida." Poster presented at the 2005 Salt Lake City Annual Meeting of the Geological Society of America. With J. Lambert, E. Oches, B. Weisman, and P. Kolianos.

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- 2005 "Uncovering a Tattered Legend – The Weeden Island Site." Paper presented at the 57th Annual Meeting of the Florida Anthropological Society, Gainesville, FL. With J. Lambert.
- 2005 *A Phase I Cultural Resources Assessment Survey of the Aripeka Estates Parcel, Pasco County, Florida.* Prehistoric Rising, Homosassa, FL.
- 2005 *A Phase I Cultural Resources Assessment Survey of the Grover Cleveland Blvd.-Grandmarch Ave. Widening Project, Citrus County, Florida.* Prehistoric Rising, Homosassa, FL.
- 2005 *A Phase I Cultural Resources Assessment Survey of the Vistar Villages Tract, Pasco County, Florida.* Prehistoric Rising, Homosassa, FL.
- 2005 *A Phase I Cultural Resources Assessment Survey of the Trinity North Professional Office Site Tract, Pasco County, Florida.* Prehistoric Rising, Homosassa, FL.
- 2005 *A Phase I Cultural Resources Assessment Survey of the Deeb Office Construction Site, Pasco County, Florida.* Prehistoric Rising, Homosassa, FL.
- 2005 *A Phase I Cultural Resources Assessment Survey of the Debbie Lane Residential Parcel, Pasco County, Florida.* Prehistoric Rising, Homosassa, FL.
- 2004 *A Phase I Cultural Resources Assessment Survey of the Lexington Estates Property, Marion County, Florida.* Prehistoric Rising, Homosassa, FL.
- 2004 "Prehistoric Life in the Salt Marshes of the Central Gulf Coast." Paper presented at the 56th Annual Meeting of the Florida Anthropological Society, Dania Beach, FL.
- 2004 *A Phase I Cultural Resources Assessment Survey of the Seven Springs Medical Park Tract, Pasco County, Florida.* Prehistoric Rising, Homosassa, FL.
- 2004 with G. D. Ellis and K. Nash. *Archaeological Reconnaissance of the South Buffer Preserve, Crystal Riverbank Tract, St. Martins Marsh Aquatic Preserve/Crystal River State Buffer Preserve, Citrus County, Florida.* Gulf Archaeology Research Institute, Crystal River, FL.
- 2004 with G. D. Ellis, R. Martin, and K. Nash. *Archaeological Reconnaissance of the South Withlacoochee Tract, St. Martins Marsh Aquatic Preserve/Crystal River State Buffer Preserve, Citrus County, Florida.* Gulf Archaeology Research Institute, Crystal River, FL.
- 2003 with G. D. Ellis. *Churchhouse Hammock Trail Boardwalk Reconnaissance Survey.* Gulf Archaeology Research Institute, Crystal River, FL.
- 2002 "Pre-Columbian Campsites on a South Florida Barrier Island: Archaeological Investigations at Gumbo Limbo Hammock, Boca Raton." Paper presented at the 54th Annual Meeting of the Florida Anthropological Society, St. Petersburg, FL.
- 2002 *The Prehistory of Gumbo Limbo.* Submitted to Gumbo Limbo Nature Center and the City of Boca Raton. Florida Atlantic University, Boca Raton, FL.