

EDUCATION

2006 Ph.D. Anthropology, Florida State University
2003 M.S. Anthropology, Florida State University
1998 M.A. Public Administration, Troy University
1995 B.A. Anthropology, University of Central Florida
1999 A.S. Fire Science, Valencia College
1987 A.S. Emergency Medical Services,
Valencia College

SPECIALIZATIONS

Paleopathology, Forensics, Trauma, Museum Studies, Healthcare Administration

PROFESSIONAL LICENSE and AFFILIATIONS

Paramedic, State of Florida, PMD11133
Special Operations Medical Association
Florida Academy of Sciences
Museum Studies Certification, FSU
Register of Professional Archaeologists (RPA)

TRAINING/CERTIFICATIONS

2019 Level I Antiterrorism Awareness Training, JKO

2018 Human Subjects Research Certification, CITI Program

2018 Advanced Burn Life Support (ABLS)
Tactical Combat Casualty Care (TCCC)
Human Subjects Research Certification, CITI Program

2016 Prehospital Trauma Life Support/Instructor (PHTLS)
International Trauma Life Support (ITLS)
Pediatric Advanced Cardiac Life Support (PALS)

2014 Air Medical Crew Core Curriculum (AMCCC)
Pediatric Education for Prehospital Professionals/Instructor (PEPP)
Pediatric Advanced Life Support (PALS)

2013 Professional Development Series in Emergency Management
Emergency Management Institute, Emmitsburg, MD
Emergency Manager: An Orientation to the Position
Fundamentals of Emergency Management
Emergency Planning
An Introduction to Exercises
Leadership & Influence
Decision Making and Problem Solving

Effective Communication
Developing and Managing Volunteers

- 2013 National Incident Management System (NIMS): An Introduction
Emergency Management Institute, Emmitsburg, MD
- 2012 International Trauma Life Support (ITLS)
Advanced Airway Management
- 2011 NAGPRA: Summaries, Inventories, and Federal Register Notices
National Preservation Institute
Seattle, WA
- 2011 NAGPRA: Determining Cultural Affiliation
National Preservation Institute
Seattle, WA
- 2010 Planning Officials Training
American Planning Association
Tampa, FL
- 2009 Florida Master Naturalist
University of Florida
IFAS Extension
- 2009 Secretary of the Interior's Standards: Treatment Considerations
National Preservation Institute
St Augustine, FL
- 2009 Hot Topics in Preservation Ordinances Seminar
Florida Trust for Historic Preservation
Jacksonville, Florida
- 2008 Certified Interpretive Guide Training
National Association of Interpretation
Melbourne Beach, Florida
- 2008 Archaeological Resource Management Training
Division of Historical Resources
Tallahassee, Florida
- 2008 Cultural Resource Professional Workshop
Division of Historical Resources/FAC
Tallahassee, Florida

- 2008 Historical and Archaeological Resource Training
Bureau of Archaeological Research
Ft. Lauderdale, Florida
- 2008 Cemetery Preservation Workshop
National Preservation Institute
Jacksonville, Florida
- 2007 Native American Cultural Property Law
National Preservation Institute
Seattle, Washington
- 2006 Register of Professional Archaeologists
- 2006 Managing Museum Property
Interior Museum Program, U.S. Dept. of Interior
Southeast Archeological Center, National Park Service
Tallahassee, Florida
- 2003 Museum Studies Certification
Florida State University
Tallahassee, Florida
- 2000 Advanced Cardiac Life Support Instructor-Orlando, Florida
Basic Trauma Life Support Instructor-Orlando, Florida
Emergency Medical Services Special Operations-National
Fire Academy, Emmitsburg, Maryland
- 1999 National Fire Service Staff and Command Course-
University of Maryland Fire and Rescue Institute
Command School '99-Daytona, Florida
IEMC/All Hazards Preparedness and Response-Emergency
Management Institute, Emmitsburg, Maryland
Control of Fire Department Operations at Natural and
Man-made Disasters-National Fire Academy,
Emmitsburg, Maryland
Terrorism Operational Planning-Orlando, Florida
Cardiopulmonary Resuscitation Instructor-Orlando, Florida
Advanced Critical Incident Stress Management-New
Orleans, Louisiana
- 1989 Hazardous Materials Emergency Medical Technician
Orlando, Florida
- 1987 Florida Certified Paramedic
- 1986 Florida Certified Firefighter-Central Florida Fire Academy

WORK EXPERIENCE

- June 2018- Present Medical Simulation Principal Investigator
Vcom3D, Inc
Orlando, FL
- Aug 2015 - Science Writer
May 2018 SmartBug Media
New Port Beach, CA
- July 2016 - Paramedic
May 2018 Florida Hospital East ED
Orlando, FL
- May 2015 - Science Writer
July 2015 The Science Times/Latinos Post
Irvine, CA 92614
- Jan 2015 - Adjunct Professor
Dec 2015 Department of Anthropology, Florida State University
Tallahassee, FL
- May 2007 - Regional Director/Director
July 2014 Florida Public Archaeology Network
Florida Historical Society Archaeological Institute
Cocoa, FL
- Sept 2006- Adjunct Faculty
May 2007 Department of Anthropology, Florida State University
Tallahassee, Florida
- Oct 2005- Collection's Manager
May 2007 Department of Anthropology, Florida State University
Maintenance of human skeletal and archaeological
Collections
- Aug 2003- Graduate Research Assistant
Oct 2005 Department of Anthropology, Florida State University
Laboratory Director, Buckeye Knoll Skeletal Project.
Funded by Army Corp of Engineers/C.E.I. Inc.
<http://www.swg.usace.army.mil/41VT98/BioArchContext.pdf>
- March –Dec. 2003 Paramedic
Tallahassee Memorial Hospital
Tallahassee, Florida
- 2002-2003 Collection's Manager
Archaeological Collections
Department of Anthropology, Florida State University

1988-2001 Firefighter/Paramedic, Orlando Fire Department (retired)
Orlando, Florida

PUBLICATIONS

Wentz, Rachel K.

2016, *The Body Blog: Explorations in Science and Culture*, Self-published.

Wentz, Rachel K. (Ed.)

2014, *Searching Sand and Surf: The Origins of Archaeology in Florida*, Florida Historical Society Press.

Wentz, Rachel K.

2013, *A Bioarchaeological Assessment of Health from Florida's Archaic: Application of the Western Hemisphere Health Index to the Remains from Windover (8BR246)*, Scholars' Press.

Wentz, Rachel K.

2013, *Let Burn: The Making and Breaking of a Firefighter/Paramedic*, Michigan State University Press.

Wentz, Rachel K.

2013, *The Mass of Men*, Self-published.

Wentz, Rachel K.

2012, *Life and Death at Windover: Excavations of a 7,000-year-old Pond Cemetery*, Florida Historical Society Press.

Wentz, Rachel K.

2011, *Chasing Bones: An Archaeologist's Pursuit of Skeletons*. Florida Historical Society Press.

Wentz, Rachel K.

2011, *The Origins of American Medicine*. *Archaeology Magazine*, May/June: 57-65.

Wentz, Rachel K.

2010, *Patterns of Degenerative Joint Disease among Males and Females at Windover (8BR246) and their Relationship to Grave Goods*. *The Florida Anthropologist*, Vol. 63, No. 1:5-10.

Wentz, Rachel K., and Nancy de Grummond

2009, *Life on Horseback: Paleopathology of Two Scythian Skeletons from Alexandropol, Ukraine*. *International Journal of Osteoarchaeology*, Vol. 19, No. 1:107-115.

Wentz, Rachel K., and John A. Gifford

2008, *Florida's Deep Past: The Bioarchaeology of Little Salt Spring (8SO18) and its Place among Florida's Mortuary Ponds*. *Journal of*

Southeastern Archaeology Vol. 26, No. 2:330-337.

Wentz, Rachel K., Bryan Tucker, John Krigbaum, and Glen Doran
2006, *Gauging Differential Health Among the Sexes at Windover
(8BR246) Using the Western Hemisphere Health Index*. *Memorias do
Instituto Oswaldo Cruz*, V.101 (Suppl. II):77-83.

Wentz, Rachel K.
2004. *Examination of Subadult Pathology in a 7,000-year-old
Population from Florida's Archaic*. *The Florida Anthropologist*, 57(3):219-
228.

Smith, Rachel K.
2002, *Analysis of Skeletal Material from Calico Hill, Florida: A Question
of Paleopathology vs. Taphonomy*. *The Florida Anthropologist*, 55(2):59-
65.

WRITING AWARDS

2016, Florida Authors and Publishers Association President's Award,
Silver Medal in Adult Non-Fiction, *The Body Blog: Explorations in
Science and Culture*.

2014, Florida Authors and Publishers Association President's Award,
Silver Medal in Memoirs, *Let Burn: The Making and Breaking of a
Firefighter/Paramedic* (Michigan State University Press, 2013).

2014, Florida Authors and Publishers Association President's Award,
Silver Medal in Genre Fiction, *The Mass of Men* (self-published, 2013).

PAPER PRESENTATIONS

*A Novel Approach to Medical Team Training: Blended Reality Built on
Open-Source Platforms*, Interservice/Industry Training, Simulation and
Education Conference (I/ITSEC), Orlando, Florida, November 30-
December 4, 2020.

*Can Gender-Specific Simulation Improve Female Survivability in
Trauma?* International Meeting of Simulation in Healthcare, San Antonio,
Texas, February 27-30, 2019.

*Research and Development of an Advanced Female Trauma Training
System*, Military Health System Research Symposium, Kissimmee,
Florida, August 20-23, 2018.

*The Use of Blended Reality in Teaching Humeral Head Intraosseous
Infusion*, 9th International Conference on Applied Human Factors and
Ergonomics, Orlando, Florida, July 21-25, 2018.

Searching Sand and Surf: The Origins of Archaeology in Florida, Florida Historical Society Annual Meeting, Ft. Lauderdale, Florida, May 22-24, 2014.

First in the Dirt: The Origins and Evolution of Florida Archaeology, 66th Annual Meeting of the Florida Anthropological Society, Punta Gorda, Florida, May 8-10, 2014.

Leading the Way in Public Archaeology, American Anthropological Association, 112th Annual Meeting, Chicago, Illinois, November 20-24, 2013.

Public Archaeology in the Sunshine State: The Florida Public Archaeology Network, Society for Applied Anthropology, 73rd Annual Meeting, Denver, Colorado, March 19-23, 2013

The Impact of Spanish Colonialism on Florida's Aboriginal Burials, Society for Historic Archaeology, 46th Annual Conference, Leicester, England, January 9-12, 2013.

Getting in the Dirt without Getting Dirty, Society for American Archaeology, 77th Annual Meeting, Memphis, Tennessee, April 18-21, 2012.

Causal Factors for Non-Occlusal Attrition among a 7,000-year-old Hunter/Gatherer Population from Florida, Paleopathology Association, 37th Annual Meeting, Portland, Oregon, April 9-11, 2012.

Evidence for Medicine at the 7,000-year-old Windover Site. Paleopathology Association, 38th Annual Meeting, Minneapolis, Minnesota, April 13-14, 2011.

Was There a Doctor in the House? Inferring Medicine in the Prehistoric Archaeological Record. Southeastern Archaeological Conference, 67th Annual Meeting, Lexington, Kentucky, October 27 – 31, 2010.

An Unusual Burial from St. Augustine, Florida. Florida Anthropological Society, 62nd Annual Meeting, Ft. Myers, Florida, May 7-9, 2010.

Medicinal Plant Usage among the 7,000-Year-Old Windover Population. Society for American Archaeology, 75th Annual Meeting, St. Louis, Missouri, April 14-18, 2010.

An Historic Perspective of Florida's Prehistoric Burial Mounds. Society for Historic Archaeologists Conference on Historical and Underwater Archaeology, Amelia Island Plantation, Florida, January 6-9, 2010.

Lasting Landscapes: Florida's Prehistoric Mounds. British Association of Biological Anthropology and Osteoarchaeology, 11th Annual Meeting, Bradford, England, September 18 – 20, 2009.

Pathos and Plants: A Preliminary Correlation of Medicinal Plants and Pathologies among the Windover Population. Florida Anthropological Society Meeting, 61st Annual Meeting, Pensacola, Florida, May 8-10, 2009.

In the Footsteps of Moore: A GPR Survey of the Sams Site Mound. Florida Anthropological Society Meeting, 61st Annual Meeting, Pensacola, Florida, May 8-10, 2009.

Florida's Beautiful Bones: Chemical and Physical Properties of Skeletal Preservation among Florida's Archaic Mortuary Ponds. Southeastern Archaeological Conference, 65th Annual Meeting, Charlotte, North Carolina, November 12-15, 2008.

Skeletal Preservation among Florida's Archaic Mortuary Ponds. British Association for Biological Anthropology and Osteoarchaeology, 10th Annual Conference, Oxford, England, September 5-7, 2008.

Beneath the Surface: The Mortuary Ponds of Florida's Archaic. Florida Anthropological Society, 60th Annual Meeting, Ybor City, Florida, May 2-4, 2008.

Patterns of Degenerative Joint Disease among Males and Females at Windover and Their Relationship to Types and Distributions of Grave Goods. Paleopathology Association, 35th Annual Meeting, Columbus, Ohio, April 8-9, 2008.

Two Scythian Skeletons from Alexandropol, Ukraine. Poster presentation. American Association of Physical Anthropologists, 76th Annual Meeting, Philadelphia, Pennsylvania, March 28-31, 2007.

Paleopathology of Two Scythian Skeletons from Alexandropol, Ukraine. Paleopathology Association, 34th Annual Meeting, Philadelphia, Pennsylvania, March 27-28, 2007.

A Bioarchaeological Assessment of Health from Florida's Archaic: Application of the Western Hemisphere Health Index to the Remains from Windover (8BR246). American Association of Physical Anthropologists, 75th Annual Meeting, Anchorage, Alaska, March 9-11, 2006.

Gauging Differential Health among the Sexes at Windover Utilizing the Western Hemisphere Health Index. Paleopathology Association, 33rd Annual Meeting, Anchorage, Alaska, March 7-8, 2006.

Florida's Deep Past: Analysis of Skeletal Remains from Little Salt Spring. Southeastern Archaeology Conference, 62nd Annual Meeting, Columbia, South Carolina, November 2-5, 2005.

Problems of Provenience: The Bones of Little Salt Spring. Brown Bag Lunch Lecture Series, Florida State University, Dept. of Anthropology, October 14, 2005.

Examination of Subadult Pathology in a 7,000-Year-Old Population from Florida. Florida Anthropological Society, 57th Annual Meeting, Gainesville, FL, May 13-15, 2005.

Subadult Pathology and Levels of Health at Windover (8BR246). Center for Demography and Population Health, College of Social Science, Florida State University, February, 2005.

Analysis of Skeletal Fractures and Evidence of Care in a 7,000-year-old Population from Florida's Archaic. Paleopathology Association, 31st Annual Meeting, Tampa, FL, April 13-14, 2004.

Analysis of Skeletal Material from Calico Hill, Florida: A Question of Paleopathology vs. Taphonomy. Florida Anthropological Society, 55th Annual Meeting, Tallahassee, FL, May 9-11, 2003.

Trials and Tribulations of Skeletal Analysis: Two Case Studies in Paleopathology. Brown Bag Lunch Lecture Series, Florida State University, Dept. of Anthropology, April 1, 2003.

STUDIES ABROAD

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| May-June
2006 | American-Ukrainian Scythian Kurhan Project (AUSKP)
Alexandropol, Ukraine
Skeletal/paleopathological analysis of human remains |
| July 2005 | Judith's Fancy Prehistoric Site
St. Croix, US Virgin Islands
Excavation and analysis of human remains |
| July 2003 | Bamburgh Research Project
Northumberland, England
Excavation of human remains |
| May-July
2002 | Museum Internship
Human Origins Group, Natural History Museum
London, England |
| May-July
2000 | Museum Management I and Museum Education
London, England |

THESIS/ DISSERTATION TITLES

- 2006 *A Bioarchaeological Assessment of Health from Florida's Archaic: Application of the Western Hemisphere Health Index to the Remains from Windover (8BR246).*
Doctoral Dissertation, Florida State University
Department of Anthropology
Committee Chair: Dr. Glen H. Doran
- 2003 *Analysis of Skeletal Fractures from Windover (8BR246) and their Inference Regarding Lifestyle.*
Master's Thesis, Florida State University
Department of Anthropology
Committee Chair: Dr. Glen H. Doran