

**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  
1997 A.S. Fire Science, Valencia College  
1987 A.S. Emergency Medical Services,  
Valencia College

**SPECIALIZATIONS**

Writing, 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 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- Current 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
- 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 2001- Adjunct Faculty, Lab Director, Collections Manager  
May 2007 Department of Anthropology, Florida State University  
Undergrad/Grad Instruction, human skeletal analysis,  
archaeological/skeletal collections maintenance.  
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>
- 1988-2001 Firefighter/Paramedic, Orlando Fire Department (retired)  
Training Lieutenant over Emergency Medical Services  
Orlando, Florida

## PUBLICATIONS

Silverglate, D., E. Sims, R. Wentz, and C. Parsey  
2020, *A Novel Approach to Medical Team Training: Blended Reality  
Built on Open-Source Platforms*. Interservice/Industry Training,  
Simulation, and Equipment Conference (I/ITSEC) Paper. December 2020.

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 (Supl. 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**

*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*, 9<sup>th</sup> 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*, 66<sup>th</sup> 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, 73<sup>rd</sup> Annual Meeting, Denver, Colorado, March 19-23, 2013

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

*Getting in the Dirt without Getting Dirty*, Society for American Archaeology, 77<sup>th</sup> 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, 37<sup>th</sup> Annual Meeting, Portland, Oregon, April 9-11, 2012.

*Evidence for Medicine at the 7,000-year-old Windover Site*. Paleopathology Association, 38<sup>th</sup> 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, 67<sup>th</sup> Annual Meeting, Lexington, Kentucky, October 27 – 31, 2010.

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

*Medicinal Plant Usage among the 7,000-Year-Old Windover Population*. Society for American Archaeology, 75<sup>th</sup> 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, 11<sup>th</sup> 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, 61<sup>st</sup> 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, 61<sup>st</sup> 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, 65<sup>th</sup> Annual Meeting, Charlotte, North Carolina, November 12-15, 2008.

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

*Beneath the Surface: The Mortuary Ponds of Florida's Archaic.* Florida Anthropological Society, 60<sup>th</sup> 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, 35<sup>th</sup> Annual Meeting, Columbus, Ohio, April 8-9, 2008.

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

*Paleopathology of Two Scythian Skeletons from Alexandropol, Ukraine.* Paleopathology Association, 34<sup>th</sup> 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, 75<sup>th</sup> Annual Meeting, Anchorage, Alaska, March 9-11, 2006.

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

*Florida's Deep Past: Analysis of Skeletal Remains from Little Salt Spring.* Southeastern Archaeology Conference, 62<sup>nd</sup> 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, 57<sup>th</sup> 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, 31<sup>st</sup> 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, 55<sup>th</sup> 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**

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