

CHRISTINE BERGMANN - *CURRICULUM VITAE*

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EDUCATION

Ph.D., University of South Florida (Applied Anthropology), expected graduation 2021
M.A., University of South Florida (Applied Anthropology, concentration in Archaeological and Forensic Sciences), 2018
B.A., University of South Florida (Anthropology), 2012

EMPLOYMENT

USF Institute for the Advanced Study of Culture and the Environment
Teaching Assistant (2018-). Effectively manage a classroom. Help students with issues that arise with regard to course material. Assist with the grading of course assignments.

USF Institute for the Advanced Study of Culture and the Environment
Graduate Assistant (2017-2018). Oversee and provide input on the creation of the Institute's website and digital repository. Set-up events supported by IASCE. Handle financial aspects related to event planning, employee payroll, international archaeological projects, and office maintenance. Collaborate with Business Support Services to ensure all appropriate university protocols are followed for purchasing and employee national and international travel.

USF Center for Virtualization and Applied Spatial Technologies
Student Researcher (2015-2017). Research and compile data into an Excel database pertinent to 3D laser scanning and digital heritage preservation. 3D laser scan cultural heritage materials using close and long range laser scanners (FARO Arm, Artec Eva, FARO Focus 3D). Process point clouds, using Geomagic Wrap and Artec Studio 11 Professional, to create 3D models of archaeological artifacts. Create 3D models of museum objects for digital preservation using photogrammetric techniques and software.

USF Alliance for Integrated Spatial Technologies
Graduate Assistant (2014-2015). Amass research data on 3D laser scanning and crime scene reconstruction to be used as course materials in the university classroom. Beta test assignments before disseminating to students.

Tampa Bay History Center
Visitor Services Associate (2013-2014). Sell membership packages. Research networking opportunities for patron expansion. Teach patrons about the history of Tampa Bay.

District School Board of Pasco County
Substitute Teacher (2013-2014). Effectively follow district protocols. Demonstrate classroom management successfully. Remain focused and determined when presented with a stressful situation.

PRESENTATIONS, POSTERS, AND PAPERS

Christine Bergmann & Robert H. Tykot, "Assessing Food-Based Exchange and Mobility in the Chincha Valley (Peru) Using Portable X-Ray Fluorescence Spectrometry and a Newly Developed Calibration", 42nd International Symposium on Archaeometry, Mérida, Yucatán, México, May 20-26, 2018.

Robert Tykot and Christine L. Bergmann, "Elemental Analysis using pXRF to Assess Human Diet and Mobility", Union Internationale Des Sciences Préhistoriques Et Protohistoriques, Paris, France, June 4-9, 2018. sciencesconf.org/uispp2018:180680

Christine Bergmann, "Assessing Food-Based Trade Interactions in the Chincha Valley Using Portable X-Ray Fluorescence Spectrometry", Society for American Archaeology, Washington, DC, April 11-15, 2018.

Davide Tanasi and Myriam Van Walsum with Michelle Assaad, Christine Bergmann, Jack Geier, Alexandr Saxe, "Cognitio Ex Machina: Digital Archaeology, Edutainment and Virtual Museums," Digital Scholars in Action, University of South Florida, Tampa, March 2017.

Christine Bergmann, "Portable X-ray Fluorescence Analysis of Human Bones for Paleodietary Reconstruction to Assess Trade Interactions in Chincha, Peru," 9th Annual Graduate Student Research Symposium, University of South Florida, Tampa, March 2017.

Christine Bergmann, Robert H. Tykot, and Robert Bowers, "Elemental Analysis of Human Bone using a Non-destructive Portable X-ray Fluorescence Spectrometer", Society for American Archaeology, Orlando, Florida, April 6-10, 2016.

Christine Bergmann, "Elemental Analysis of Prehistoric Peruvian Human Bones using X-ray Fluorescence Spectrometry," 8th Annual Graduate Student Research Symposium, University of South Florida, Tampa, March 2016.

Christine Bergmann, "Assessing Pre-Inca Subsistence Patterns Through Elemental Analysis of Human Bone Using a Non-Destructive Portable X-Ray Fluorescence Spectrometer," Independent Thesis, University of South Florida, 2013.

C. Bergmann & R.H. Tykot, "Using Element and Isotopic Analysis of Ancient Human Bones to Study Migration and Diet in Prehistoric Peru", 5th Annual Oktoberfest, University of South Florida, Tampa, October 21, 2011.

AWARDS

Portable X-ray fluorescence spectrometry analysis awarded by the USF Institute for the Advanced Study of Culture and the Environment - \$2,000

Travel funding for research awarded by Cotsen Endowments, UCLA (November 2016) - \$475

Conference funding awarded by the USF Anthropology Department (March 2016) - \$150
Travel funding awarded by the USF Institute for the Study of Latin America and the Caribbean (March 2016) - \$726

PROFESSIONAL SOCIETY MEMBERSHIPS

Smithsonian (2016-)
Society for American Archaeology (2015-)
Archaeological Institute of America (2014-)
Florida Education Association (2014-)
Society for Applied Anthropology (2014-2015)
Society for Archaeological Sciences (2012-)
Pi Gamma Mu (2009-)
USF College of Arts and Sciences Honor Society (2008)

LEADERSHIP POSITIONS

Pi Gamma Mu (2016-; President)
USF Applied Anthropology Graduate Student Organization (2015-2016; Vice President)
USF Applied Anthropology Graduate Student Organization (2014-2015; Events Coordinator)
USF Anthropology Club (2012-2013; Vice President)
Pi Gamma Mu (2009; Vice President)

VOLUNTEER POSITIONS

Southeastern Archaeological Conference (2013; Volunteer). Assist volunteers and conference organizers with setup of the conference.

Feeding America Tampa Bay (April 2011; Volunteer). Worked in the food bank organizing food items to be donated to various organizations devoted to providing food to people in need.

USF Archaeological Science Laboratory (2010-2013; Undergraduate Assistant). Extract collagen and apatite from bones for stable isotope analysis. Train research assistants on appropriate lab techniques and protocols.

Florida Public Archaeology Network (2009-2016; Volunteer). Attend events that educate the public about the history of Florida archaeology. Bring awareness of archaeology to the public. Responsible for setting up and explaining activity tables to the public that showcase all aspects of prehistoric Native American life. Wash and catalogue artifacts excavated from Weaver Park in Dunedin, FL.

FIELDWORK EXPERIENCE

Anclote River Project (August 2016; Field Technician). Principal Investigator - Phyllis Kolianos. The project was initiated to assess the relationship between an archaeological midden site and other archaeological sites in the same area. Administer shovel tests, stratigraphically excavate a 1 meter by 1 meter test unit, profile, screen soil in search of artifacts and ecofacts.

Kolomoki South Village Project (May 2015; December 2015; Field Technician). Principal Investigator - Thomas Pluckhahn. The project was grant funded to investigate the development of the prehistoric South Village at the Kolomoki site in SW Georgia. Conduct geophysical surveys using ground penetrating radar and gradiometry. Record elevations with a total station. Conduct stratigraphic excavations of five units.

Silver Springs State Park Archaeological Project (June-July 2015; Field Technician). Principal Investigator - Nancy White. The project was grant funded to locate and document archaeological sites for the state of Florida through an abundant amount of shovel tests and soil screening.

Crystal River Early Village Archaeological Project (June 2013; Field Technician). Principal Investigator Dr. Thomas J. Pluckhahn. NSF funded study of the dynamics of competition and cooperation in early village societies. Conduct shovel tests, coring, shell midden excavations, wet and dry screening.

USF Campus Golf Course Archaeological Salvage Project (June-July 2012; Field and Laboratory Technician). Principal Investigator - Dr. Nancy White. The construction of a new facility on one or two known archaeological sites facilitated this project. Screen soil in search of artifacts. Floatation of soil. Sort and catalogue artifacts and ecofacts. Interviewed twice by local newspapers regarding project.

CERTIFICATIONS

CPR AED & First Aid Certification (2014)

Cemetery Resource Protection Certification (2011)