

ASHLEY E. SHARPE

Research Archaeologist
Smithsonian Tropical Research Institute
Center for Tropical Paleoecology and Archaeology
Balboa Ancon, Panama, Republic of Panama
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Education

- 2016 Ph.D., Anthropology, University of Florida. Dissertation: *A Zooarchaeological Perspective on the Formation of Maya States.*
- 2011 M.A., Anthropology, University of Florida Master's Thesis: *Beyond Capitals and Kings: A Comparison of Animal Resource Use among Ten Late Classic Maya Sites.*
- 2009 B.A., Archaeology, Minor in Biology, *Magna cum Laude*, Boston University Senior Honors Thesis: *From Ritual to Rubbish: The Maya Zooarchaeological Record from San Bartolo, El Petén, Guatemala.*

Academic Awards and Honors

- 2016 Delores A. Auzenne Dissertation Award, University of Florida (\$12,000)
- 2016 Charles H. Fairbanks Award, Department of Anthropology, University of Florida (\$1000)
- 2015 University of Florida Department of Anthropology and Land Use Environmental Change Institute Travel Grant (\$350)
- 2015 University of Florida CLAS Graduate Student Travel Award (\$300)
- 2015 University of Florida Office of Research Travel Grant (\$200)
- 2015 Latin American Studies Research Clinic Poster Award, University of Florida (\$50)
- 2014 National Science Foundation Doctoral Dissertation Improvement Grant, Project Title: *A Zooarchaeological Perspective on the Formation of Maya States*, Award No. 1433043 (\$21,192)
- 2014 Sigma Xi Grants-in-Aid of Research, Project Title: *Identifying Animal Resource Exchange at the Onset of Maya State Formation* (\$700)
- 2013 Latin American Studies Tinker Travel Grant, University of Florida (\$933)
- 2013 Bullen Award for Student Excellence in Florida/Circum-Caribbean Anthropology Research, Florida Museum of Natural History (\$300)
- 2012, 2014 Graduate Student Council Travel Grant, University of Florida (\$450)
- 2011, 2012, 2014, 2015 Department of Anthropology Travel Grant, University of Florida (\$800)
- 2010 Dienje Kenyon Memorial Fellowship, Society for American Archaeology (\$500)
- 2009-2014 University of Florida Graduate Alumni Fellowship
- 2008-2009 Boston University College Scholar
- 2008-2009 Anita M. Greene Endowed Library Work Scholar Award
- 2007-2009 National Science & Mathematics Access to Retain Talent Grant

2006-2009	Dennis Berkey Scholarship
2006-2007	Boston University Academic Competitiveness Grant
2005-2009	Dean's List
2005-2009	Nye Foundation Scholarship

Ongoing Research Positions

2016 - Present	Research Archaeologist, Center for Tropical Paleoecology and Archaeology, Smithsonian Tropical Research Institute, Panama City, Republic of Panama.
2016 – Present	Faunal Analyst, Kaminaljuyu Archaeological Project, Guatemala City, Guatemala. Project Director: Barbara Arroyo, Francisco Marroquín University.
2012 – Present	Faunal Analyst, Holmul Archaeological Project, Antigua, Guatemala. Project Director: Francisco Estrada-Belli, Tulane University.
2010 - Present	Faunal Analyst, Ceibal-Petexbatun Archaeological Project, Guatemala City, Guatemala. Project Directors: Takeshi Inomata and Daniela Triadan, University of Arizona; Flory Pinzón, Universidad de San Carlos, Guatemala.
2009 – Present	Faunal Analyst, San Bartolo-Xultun Archaeological Project, Antigua, Guatemala. Project Directors: William Saturno, Boston University; Yasmin Cifuentes and Boris Beltran, Instituto de Antropología e Historia de Guatemala.

Past Research Positions

2015	Faunal Analyst, Everglades Restoration Transition Project, Environmental Archaeology Program, Florida Museum of Natural History, Gainesville, FL.
2014 - 2016	Curatorial Assistant to Dr. Kitty Emery. Assist in the compilation and organization of archaeological materials (faunal, botanical, and soils) and data records for a museum database. Photographed and compiled an online virtual comparative collection of museum skeletal material (http://www.flmnh.ufl.edu/envarch-gallery/). Environmental Archaeology Program, Florida Museum of Natural History, Gainesville, FL.
2012 – 2016	Isotope Analyst. Sample preparation and stable isotopic analysis (carbon, nitrogen, oxygen, strontium, and lead) on human and animal remains from various sites under the direction of Dr. John Krigbaum. Experience using both ICP-MS and TIMS procedures. Department of Anthropology and Department of Geological Sciences, University of Florida, Gainesville, FL.
2012 - 2016	Research Assistant, <i>Re-examining the History of Turkey Husbandry in the</i>

Maya Lowlands. Osteometric and statistical analysis on skeletal material to distinguish wild from domesticated taxa. Principal Investigators: Erin Thornton and Kitty Emery. Florida Museum of Natural History, Gainesville, FL.

- 2012 Research Assistant, *Conversion or Synthesis? Investigating Early Colonial Negotiations of New Religious and Social Forms at Malata, an Inka Provincial Village and Mission Settlement in Highland Peru*. Assisted in the quantification and interpretation of specimen data. Principal Investigator: Steven Wernke, Vanderbilt University. Project Zooarchaeologist: Susan deFrance, University of Florida, Gainesville, FL.
- 2012 Research Assistant. Organized data from the analysis of archaeological fauna remains from the sites of Punta Picata, and Tacahuay Tambo, Peru, and St. Anthony's Garden (16OR443), New Orleans, LA, under direction of principal zooarchaeologist Dr. Susan deFrance. Department of Anthropology, University of Florida, Gainesville, FL.
- 2011 Museum Archivist, Cerros Research Project. Organized, digitized, and curated excavation records and artifactual materials under direction of Dr. Susan Milbrath. Latin American Archaeology Collection, Florida Museum of Natural History, Gainesville, FL.
- 2009 - 2014 Research Assistant/Faunal Analyst. Analysis of faunal remains from various archaeological projects under the direction of Dr. Kitty Emery. Environmental Archaeology Program, Florida Museum of Natural History, Gainesville, FL.
- 2009 - 2011 Faunal Analyst, Sierra del Lacandón Regional Archaeological Project, Guatemala. Project Directors: Charles Golden, Brandeis University; Andrew Scherer, Brown University; Ana Lucia Arroyave, Universidad de San Carlos/Instituto de Antropología e Historia de Guatemala.

Archaeological Excavation and Fieldwork Experience

- 2011-2012, 2014 Ceibal-Petexbatun Archaeological Project, El Petén, Guatemala. Project Directors: Takeshi Inomata and Daniela Triadan, University of Arizona; Flory Pinzón, Universidad de San Carlos, Guatemala.
- 2012 Holmul Archaeological Project, El Petén, Guatemala. Project Director: Francisco Estrada-Belli, Tulane University.
- 2009 Tell Es-Sweyhat Archaeological Project, Syria. Project Director: Michael Danti, Boston University.
- 2008 San Bartolo-Xultun Regional Archaeology Project, El Petén, Guatemala. Project Directors: William A. Saturno, Boston University, and Monica Urquizu, Instituto de Antropología e Historia de Guatemala.

Publications

- Sharpe, Ashley E., George D. Kamenov, Adrian Gilli, David A. Hodell, Kitty F. Emery, Mark Brenner, and John Krigbaum. 2016. Lead (Pb) Isotope Baselines for Studies of Ancient Human Migration and Trade in the Maya Region. *PLOS ONE* 11(11):e0164871.
- Sharpe, Ashley E. 2016. Un Análisis Isotópico de la Ganadería y Comercio de los Animales en Ceibal. In *Simposio de Investigaciones Arqueológicas XXX, Guatemala*, pp. 1-19. Asociación Tikal, Guatemala.
- Sharpe, Ashley E. and Kitty F. Emery. 2015. Differential Animal Use within Three Late Classic Maya States: Implications for Politics and Trade. *Journal of Anthropological Archaeology* 40:280–301.
- Sharpe, Ashley E. 2015. Los Animales en la Economía Emergente de Ceibal Preclásico. In *Simposio de Investigaciones Arqueológicas XXIX, Guatemala*, edited by Bárbara Arroyo and Héctor Escobedo, pp. 1-19. Asociación Tikal, Guatemala.
- Sharpe, Ashley E. 2014. A Reexamination of the Birds in the Central Mexican Codices. *Ancient Mesoamerica* 25(2):317-336.
- Sharpe, Ashley E., William A. Saturno, and Kitty F. Emery. 2014. Shifting Patterns of Maya Social Complexity through Time: Preliminary Zooarchaeological Results from San Bartolo, Guatemala. In *Animals and Inequality in the Ancient World*, edited by Sue Ann McCarty and Benjamin Arbuckle, pp. 85-105. University of Colorado Press, Boulder.
- Sharpe, Ashley. 2014. Three Decades Later: A New Look at the Cerro Maya Fauna. In *The Cerros Research Online Catalogue (CROC) Newsletter*, edited by Debra S. Walker, pp. 4-5. Florida Museum of Natural History, Gainesville.
- deFrance, Susan D., Steven A. Wernke, and Ashley E. Sharpe. 2016. Conversion and Persistence: Analysis of Faunal Remains from an Early Spanish Colonial Doctrinal Settlement in Highland Peru. *Latin American Antiquity* 27(3):300-317.
- Emery, Kitty, Erin Thornton, Ashley Sharpe, Petra Cunningham-Smith, Lisa Duffy, and Brandon McIntosh. 2016. Testing Osteometric and Morphological Methods for Turkey Species Determination in Maya Assemblages. *Journal of Archaeological Science: Reports*. <http://dx.doi.org/10.1016/j.jasrep.2016.08.018>.
- Inomata, Takeshi, Flory Pinzón, Juan Manuel Palomo, Ashley Sharpe, Raúl Ortíz, María Belén Méndez, and Otto Román [In press] Public Ritual and Inter-regional Interactions: Excavations of the Central Plaza of Group A, Ceibal. *Ancient Mesoamerica*.
- Aoyama, Kazuo, Takeshi Inomata, Daniela Triadan, Flory Pinzón, Juan Manuel Palomo, Jessica MacLellan and Ashley Sharpe. [In press] Early Maya ritual practices and craft production: Late Middle Preclassic ritual deposits containing obsidian artifacts at Ceibal, Guatemala. *Journal of Field Archaeology*.

Sharpe, Ashley E. [In Prep] Early Isotopic Evidence of Animal Management and Long-Distance Exchange at the Preclassic Maya Site of Ceibal, Guatemala. *Science*.

Pfeiffer, John, Ashley Sharpe, Carla Atkinson, Kitty Emery, and Larry Page. [In prep] Molecular phylogenetic analysis of several virtually unknown Mesoamerican freshwater mussel genera and the biogeographic implications of their systematic position. *Molecular Phylogenetics and Evolution*.

Pfeiffer, John, Ashley Sharpe, Nathan Johnson, Kitty Emery, and Larry Page. [In prep] Low Genetic Diversity across Mesoamerican and Nearctic Populations of the Freshwater Mussel Genus *Megalonaias*. *Biodiversity and Systematics*.

Project Reports and Chapters

Ashley E Sharpe. 2016. Animals of the First Maya States: Zooarchaeological and Stable Isotopic Analyses from Ceibal, Guatemala. Released: 2016-03-03. *Open Context*.
<<http://opencontext.org/projects/d69293e8-c8a7-4fc0-b3e3-4c2ff23486e6>>, DOI:
<http://dx.doi.org/10.6078/M7HH6H0P>.

Sharpe, Ashley. 2016. Análisis de Huesos Animales y Conchas de los Sitios San Bartolo y Xultun. In *Proyecto Arqueológico Regional San Bartolo-Xultun. Informe de Resultados de Investigaciones Temporada de Campo, Año 2016*, edited by Boris Beltran and William Saturno. Report submitted to the Instituto de Antropología e Historia, Guatemala City.

Sharpe, Ashley. 2015. Identificación y análisis isotópico de restos animales. In *Informe del Proyecto Arqueológico Ceibal-Petexbatun la Temporada 2015*, edited by Flory Pinzón and Takeshi Inomata, pp. 1-13. Report submitted to the Instituto de Antropología e Historia, Guatemala City.

Sharpe, Ashley. 2014. Análisis de hueso animal y concha. In *Informe del Proyecto Arqueológico Ceibal-Petexbatun la Temporada 2014*, edited by Flory Pinzón, Jessica MacLellan, and Takeshi Inomata, pp. 150-161. Report submitted to the Instituto de Antropología e Historia, Guatemala City.

Sharpe, Ashley. 2014. Excavaciones en la base de la Plaza Central: Operación CB217A. In *Informe del Proyecto Arqueológico Ceibal-Petexbatun la Temporada 2014*, edited by Flory Pinzón, Jessica MacLellan, and Takeshi Inomata, pp. 29-34. Report submitted to the Instituto de Antropología e Historia, Guatemala City..

Sharpe, Ashley. 2014. Análisis preliminar de los huesos animales y conchas de la región de Holmul, Petén. Report submitted to Director Francisco Estrada-Belli and the Holmul Archaeological Project.

Sharpe, Ashley E. and M. Belén Méndez. 2012. Excavaciones al noreste de la Plaza Central: Operación CB203H. In *Informe del Proyecto Arqueológico Ceibal-Petexbatun la Temporada 2012*, edited by Victor Castillo Aguilar and Takeshi Inomata, pp. 39-57. Report submitted to the Instituto de Antropología e Historia, Guatemala City.

Sharpe, Ashley and Daniela Triadan. 2011. Excavaciones detrás de la Estructura A-15: Operación CB201G. In *Informe del Proyecto Arqueológico Ceibal-Petexbatun la Temporada 2011*, edited by Victor Castillo Aguilar and Takeshi Inomata, pp. 54-58. Report submitted to the Instituto de Antropología e Historia, Guatemala City.

Cortave, Monica, Ashley Sharpe, and Anastasiya Kravtsova. 2011. Excavaciones en la Estructura A-2: Operación 207A. In *Informe de Proyecto Arqueológico Ceibal-Petexbatun la Temporada 2011*, edited by Victor Castillo Aguilar and Takeshi Inomata, pp. 135–143. Report submitted to the Instituto de Antropología e Historia, Guatemala City.

Sharpe, Ashley E. and Kitty F. Emery. 2010. Analysis of Faunal Remains from El Kinel, Guatemala. Report submitted to the Sierra del Lacandón Regional Archaeology Project, Guatemala.

Presentations and Conference Papers

Sharpe, Ashley E. 2016. *Un Análisis Isotópico de la Ganadería y Comercio de los Animales en Ceibal*. Paper presented at the 30th Annual Guatemala Symposium of Archaeological Investigations (Simposio de Investigaciones Arqueológicas XXX, Guatemala), Museo Nacional de Arqueología y Etnología, Guatemala City, Guatemala.

Sharpe, Ashley E. 2016. Symposium chair for the session *Applications of Isotope Research in Zooarchaeology*. 81st Annual Meeting for the Society of American Archaeology, Orlando, FL.

Sharpe, Ashley E. 2016. *Isotopic Evidence of Animal Management and Long-Distance Exchange at the Maya Site of Ceibal, Guatemala*. Paper presented at the 81st Annual Meeting for the Society of American Archaeology, Orlando, FL.

Sharpe, Ashley E. 2016. *2000-Year Maya Odyssey: Tracking Animal Use and Exchange During the Rise and Fall of a Maya State*. Invited presentation at the Florida Anthropological Student Association 2016 Spring Colloquium, Gainesville, FL.

Lofaro, Ellen, George Kamenov, Ashley Sharpe, and John Krigbaum. 2016. *Mobility and Contact: The Mission Site of Santa Maria de Yamassee, Amelia Island, Florida*. Paper presented at the 73rd Southeastern Archaeological Conference, Athens, GA.

Sharpe, Ashley E. 2015. *Los Animales en la Economía Emergente de Ceibal Preclásico*. Paper presented at the 29th Annual Guatemala Symposium of Archaeological Investigations (Simposio de Investigaciones Arqueológicas XXIX, Guatemala), Museo Nacional de Arqueología y Etnología, Guatemala City, Guatemala.

Sharpe, Ashley E. 2015. *Out of the Jungle: Tracking the Rise of Early Maya States*. Invited presentation at the Institute for Learning in Retirement, Oak Hammock at the University of Florida, Gainesville, FL.

- Sharpe, Ashley E. 2015. *Tracking Marine Shell Exchange Among the Earliest Maya*. Invited presentation at the 6th Annual Florida United Malacologists Meeting, Florida Museum of Natural History, Gainesville, FL.
- Sharpe, Ashley E. 2015. *Critter Caching: Animals in Household Rituals at the Maya Site of Ceibal, Guatemala*. Paper presented at the 80th Annual Meeting for the Society of American Archaeology, San Francisco, CA.
- Sharpe, Ashley E. 2014. *Evidence of Preclassic Long-Distance Exchange at the Maya Site of Ceibal, Guatemala*. Paper presented at the 79th Annual Meeting for the Society of American Archaeology, Austin, TX.
- Emery, Kitty, Erin Thornton, Petra Cunningham-Smith, Lisa Duffy, Brandon McIntosh, and Ashley Sharpe. 2014. *Testing Osteometric and Morphological Methods for Turkey Species Determination in Maya Assemblages*. Paper presented at the 12th International Conference for the International Council for Archaeozoology, San Rafael, Argentina.
- Sharpe, Ashley E. 2014. *A New Look at Subsistence and Habitat Use at the Preclassic Maya Site of Cerros, Belize*. Florida Museum of Natural History 2014 Student Research Exhibit, Gainesville, FL.
- Sharpe, Ashley E. 2014. *What Role did Animal Resources Play in the Development of Maya States?* Florida Museum of Natural History Research Retreat Presentation, Gainesville, FL.
- Sharpe, Ashley E. 2013. *Discerning Capital Consumption: A zooarchaeological inquiry into Late Classic Maya political economy*. Paper presented at the Florida Anthropological Student Association 2013 Spring Colloquium, Gainesville, FL.
- Sharpe, Ashley E., Kitty F. Emery, Charles Golden, and Andrew Scherer. 2012. *Distinguishing Status in the Maya Menu: Zooarchaeological Evidence from Three Late Classic Polities*. Paper presented at the 77th Annual Meeting for the Society of American Archaeology, Memphis, TN.
- Sharpe, Ashley E., William A. Saturno, and Kitty F. Emery. 2010. *From Ritual to Rubbish: The Maya Zooarchaeological Record from San Bartolo, Guatemala*. Paper presented at the 75th Annual Meeting for the Society of American Archaeology, St. Louis, MO.
- Sharpe, Ashley E. 2009. *The Maya Zooarchaeological Record from San Bartolo, El Petén, Guatemala*. Poster presentation for the session "Mesoamerica, Caribbean, and Survey Methods." 74th Annual Meeting for the Society of American Archaeology, Atlanta, GA.

Teaching Experience

University of Florida, Department of Anthropology:

Instructor:

Introduction to World Archaeology. Summers 2013 and 2014. Developed original course

syllabus and lectures, taught all lectures five days a week (each 75 minutes), chose and developed reading assignments, arranged and oversaw lab activities, wrote and graded original exams, quiz, and research assignments.

Teaching Assistant and Lab Instructor:

Principals of Archaeology. Fall 2012. Instructor: Dr. Susan Gillespie.

Introduction to World Archaeology. Summer 2012. Instructor: Jeffrey Vadala.

Taught the laboratory portion of both courses, including indoor and outdoor field and labwork activities. Developed activities and lab lectures. Graded all homework and exam assignments.

Teaching Assistant and Grader:

The Incas and Their Ancestors. Spring 2016. Instructor: Dr. Michael Moseley.

General Anthropology. Summer 2011, Spring 2016. Instructor: Nicholas Kawa (2011), Deborah Andrews (2016).

Lost Tribes and Sunken Continents. Fall 2011 and 2013. Instructor: Dr. Michael Moseley.

Assisted in writing and grading exams, homework assignments, and research reports. Developed and taught at least one lecture each semester.

Lab Analyst (2012-2016):

Bone Chemistry Laboratory. Trained over a dozen students and visiting researchers in isotopic geochemical analysis (sample preparation, ion chromatography separation, and mass spectrometry analysis) who shadowed procedures. Samples included human and animal bone/enamel, shell, water, soil, rock, and metal remains from various archaeological sites, in addition to modern baseline samples. Isotopes analyzed included carbon, nitrogen, oxygen, strontium, and lead. Supervisor: Dr. John Krigbaum.

Public and Professional Service

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| 2017 | Designed and submitted a trilingual (Spanish/English/Q'eqchi') poster and pamphlet for the Ceibal Archaeological Park visitor's center. English Title: <i>Humans and Animals at the Archaeological Site of Ceibal</i> . |
| 2016 | Speaker at the Rain Forest Stories Summer Camp, Florida Museum of Natural History, Gainesville, FL. |
| 2015 | Graduate student volunteer for the Ask-a-Scientist, Earth Day, First Colony, and She's a Scientist events at the Florida Museum of Natural History's Education and Exhibition Center (Powell Hall), Gainesville, FL. |
| 2014-2016 | Graduate Student Representative for the Department of Natural History Website Committee, Florida Museum of Natural History, Gainesville, FL. |
| 2013 | Website Designer/Developer, Department of Anthropology, University of Florida, Gainesville, FL. |
| 2012-2016 | Website Designer/Developer, Environmental Archaeology Program, Florida Museum of Natural History, Gainesville, FL. |

- 2010-2011 Colloquium Coordinator, Florida Anthropological Student Organization,
University of Florida, Gainesville, FL.
- 2006-2009 Secretary and Website Designer, Environmental Student Organization, Boston
University, Boston, MA.
- 2006-2008 Visitor Service, Heritage Museums and Gardens, Sandwich, MA.

Professional Membership

- 2014 – Present Sigma Xi Scientific Research Society
2014 – Present Society for Archaeological Sciences
2011 – Present Society of Ethnobiology
2009 – Present International Council for Archaeozoology
2008 – Present Society for American Archaeology