### J. Marla Toyne, PhD

 *Curriculum Vita* May 2021

**Current Position**: Associate Professor, Department of Anthropology

University of Central Florida, Orlando, Florida

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## ACADEMIC POSITIONS

Aug 2017 **Associate Professor**, Department of Anthropology, University of Central Florida

- present

Aug 2011 **Assistant Professor**, Department of Anthropology, University of Central Florida

- 2017

Sept 2009 **Adjunct Instructor**, Department of Anthropology, The University of Western

- May 2010 Ontario, London, Ontario

Sept 2008 **Post-Doctoral Fellow** and **Research Associate,** The Laboratory for Stable

- May 2013 Isotope Science, Department of Anthropology, The University of Western Ontario, London, Ontario

2008 **Adjunct Instructor**, Department of Anthropology, Tulane University, New Orleans

2006 **Sessional Instructor**, Department of Sociology and Anthropology, University of Windsor, Ontario

## EDUCATION

2009 **Doctor of Philosophy – Anthropology**

TULANE UNIVERSITY, New Orleans, LA, U.S.A.

*Offering their Hearts and their Heads: A Bioarchaeological Analysis of Ancient Human Sacrifice on the Northern Coast of Peru*. Supervisor: Dr. John Verano

2002 **Master of Arts – Anthropology**

THE UNIVERSITY OF WESTERN ONTARIO, London, ON, Canada

*Tales Woven in their Bones: The Osteological Examination of the Skeletal Remains from Túcume, Peru.* Supervisor: Dr. Andrew Nelson; Advisor: Dr. Theresa Topic

1999 **Honors Bachelor of Arts - Anthropology/Spanish Language and Literature**

THE UNIVERSITY OF WESTERN ONTARIO, London, ON, Canada

## RESEARCH ACTIVITIES

## RESEARCH AREAS

Biological anthropology; bioarchaeology; osteology; skeletal trauma; paleopathology; stable isotope analysis; dietary and environmental reconstruction; population mobility; Andean mortuary practices; social conflict; ritual violence; and vertical archaeological methods

## RESEARCH POSITIONS

**Director and Biological Anthropologist**, *Chachapoya Bioarchaeology Project*, Peru (**2013-present**)

* Regional biocultural investigation of ancient lifeways using human and animal skeletal remains to reconstruct aspects of health, diet, and social complexity in mortuary practices during pre-Columbian times in eastern montane forest
* Responsible for research objectives, foreign permits, data analysis, and publications of results

**Co-Director**, *Laboratory for Bioarchaeological Sciences*, UCF, Orlando, Florida (**2012-present**)

* Research Laboratory designed to explore human health, diet, and disease from archaeological remains, focus on stable isotope research (diet and mobility)
* Responsible for student research supervision and training
* Responsible for general maintenance of laboratory facilities and equipment

**Director and Biological Anthropologist**, *Túcume Bioarchaeology Project*, Peru (**2005-present**)

* Biocultural and biohistorical investigation of ancient lifeways at a large urban archaeological center using human and animal skeletal remains to reconstruct aspects of health, diet, and social complexity during pre-Columbian times
* Responsible for research objectives, foreign permits, data analysis, and publications of results

**Associate Investigator and Osteologist**, *Kuelap Archaeological Site*, Peru (**2004-present**)

* Long-term collaboration with local investigators and archaeologists
* Responsible for technical specialization – analysis of human skeletal remains from archaeological excavations

**Associate Investigator and Osteologist**, *Túcume Archaeological Site*, (**2001-present**)

* Long-term collaboration with local investigators and archaeologists
* Responsible for technical specialization – analysis of human skeletal remains from archaeological excavations

**PROFESSIONAL TITLES**

2009 Co-validated title of “License in Archaeology” granted by the Pontifica Universidad Catolica de Perú, Lima

2009 Registered National Archaeologist Peru (RNA no. BT-1050) through the Instituto Nacional de Cultura de Perú (INC)

## Honors and Awards

2020-2023 UCF Mid-Career Refresh Program ($63,591)

2018-2019 COS Competitive Sabbatical (full year)

2017 COS Research Incentive Award (RIA) ($5000 on base salary)

2017 UCF – Center for the Success of Women Faculty – Women of the Year Honoree

2017 COS Excellence in Graduate Teaching Award ($2000)

2016 UCF – Center for the Success of Women Faculty Distinguished Women Award – Innovation in Research ($1000)

2016 COS Teaching Incentive Program (TIP) ($5000 on base salary)

2013 International Archaeology Day Honorarium, AIA, University of Miami ($125)

2011 Dumbarton Oaks Institute Honorarium ($500)

2007 Tulane School of Liberal Arts Dissertation Write-up Fellowship ($8,860)

2007 Tulane Department of Anthropology Dissertation Write-up Grant ($7,556)

2002, 2003 Tulane University Annual Stipend ($8,000)

2000, 2001 Special University Scholarship (UWO) ($3,500 per year)

2000, 2001 Graduate Teaching Assistantship (UWO) ($8,300 per year)

2004 Aidan Cockburn Paleopathology Association Student Award ($500)

1999 Gold Medal - Graduated with Honors (UWO)

1997, 1998 Award in Honors Combined Anthropology and Spanish (UWO) ($200 each year)

## PUBLICATIONS (TOTAL PEER-REVIEWED AT UCF = 30)

### PEER-REVIEWED EDITED VOLUMES

1. 2016 Klaus HD, **Toyne JM** (editors). *Ritual violence on the North Coast of Peru: Archaeological studies of sacrifice in the ancient Andes*.Austin: University of Texas Press. <http://www.utexaspress.com/index.php/books/klaus-toyne-ritual-violence-in-the-ancient-andes>

### PEER-REVIEWED JOURNAL ARTICLES[[1]](#footnote-1) (Total: 17 and 2 in press)

(\*\* indicates graduate student \* indicates undergraduate)

1. Accepted **Toyne JM**, Nystrom KC, Čelhar M. Liburian lunches: Stable isotope analysis from the Iron Age site of Nadin-Gradina, Croatia. *International Journal of Osteoarchaeology*. Accepted July 2021.
2. In press Phillips M\*\*, Smith D\*\*, Martin E\*\*, Cruz V\*\*, **Toyne JM**. Two (missing) left feet: Caring for foot amputees in late pre-Hispanic Túcume, Lambayeque Valley, Peru. *Bioarchaeology International*. Accepted Dec 2020.
3. 2020 **Toyne JM**, Turner BL. Advances in Andean stable isotopes: beyond diet and mobility. *International Journal of Paleopathology*. 29:117-127. https://doi.org/10.1016/j.ijpp.2019.11.002
4. 2020 **Toyne JM**, Murphy MS, Klaus HD. An introduction to advances in Andean South American paleopathology. *International Journal of Paleopathology*. 29: 1-15. <https://doi.org/10.1016/j.ijpp.2019.09.001>
5. 2020 Lord E, et al. Ancient DNA of guinea pigs indicates a probable new domestication center and multiple human dispersal events*. Scientific Reports*. 10:8901. <https://doi.org/10.1038/s41598-020-65784-6>
6. 2020 **Toyne JM**, Esplin N\*\*, Buikstra JE. Analyzing skeletal manifestations of Pre-Columbian tuberculosis in the northeastern highlands of Peru. *International Journal of Paleopathology*. 30:22-34. <https://doi.org/10.1016/j.ijpp.2020.04.002>
7. 2020 **Toyne JM**, Michell S\*\*, Denierio M\*., Narváez A. Examining human and animal isotopic variation in the eastern montane of Peru. *Quaternary International.* 548: 57-70. <https://doi.org/10.1016/j.quaint.2020.03.046>
8. 2020 Carić M\*\*, Tresić D, Mikić I, Čavka M, Svitkušić B, Janković I, **Toyne JM**, Novak M. Something old, something new: (re)analysis and interpretation of three Bronze Age trepanations from Croatia. *Anthropologie*. LVIII(1):39-51.
9. 2020 Anzellini A\*\*, **Toyne JM**. Estimating the stature of ancient high-altitude Andean populations from skeletal remains. *American Journal of Physical Anthropology*. 171:539-549.
10. 2019 Martin E\*, Schultz JJ, **Toyne JM**. Trends in grave marker attributes in Greenwood Cemetery: Orlando, Florida. *Florida Anthropologist*. 72:3:159-177.
11. 2019 Anzellini A\*\*, **Toyne JM**. Estimating sex from isolated appendicular skeletal elements of archaeological remains from Chachapoyas, Peru. *International Journal of Osteoarchaeology*. 29(6):961-973.
12. 2018 **Toyne JM,** Anzellini A\*\*, Epstein LE\*\*, Mejías I, Puig J, Guinot S. Going vertical: Using vertical progression techniques to explore complex mortuary spaces in Chachapoyas, Peru. *Advances in Archaeological Practice*. 6:4:298-311. <https://doi.org/10.1017/aap.2018.31>
13. 2017 **Toyne JM**, Narváez A. Un análisis bioarqueológico de los entierros de Kuelap, un acercamiento de patrones de morfología y salud. *Boletín de Arqueología PUCP*, Lima. 23: 159-185.
14. 2017 **Toyne JM**, Anzellini A\*\*. Variabilidad mortuoria y cronología de las tumbas de La Petaca, Chachapoyas. *Boletín de Arqueología PUCP*, Lima. 23:231-257.
15. 2017 **Toyne** **JM**, Church WB, Coronado L, Morales Gamarra R. Exploring imperial expansion using an isotopic analysis of paleodiet and paleomobility indicators in Chachapoyas, Peru. *American* *Journal of Physical Anthropology.*162:1:51-72. DOI:10.1002/ajpa.23085
16. 2015 **Toyne JM.** Variation in large ectocranial lesions from pre-Columbian Kuelap, Peru. *International Journal of Paleopathology*. 11:30-44. [doi:10.1016/j.ijpp.2015.08.003](http://dx.doi.org/10.1016/j.ijpp.2015.08.003)
17. 2015 **Toyne JM**. The body sacrificed. A bioarchaeological analysis of ancient ritual violence at Túcume, Peru. *Journal of Religion and Violence*. 3:1: 137-171. DOI: 10.5840/jrv20155217
18. 2015 **Toyne JM.** Tibial surgery in ancient Peru. *International Journal of Paleopathology.* 8:29-35. [doi:10.1016/j.ijpp.2014.09.002](http://dx.doi.org/10.1016/j.ijpp.2014.09.002)
19. 2014 **Toyne JM,** White CD, Verano JW, Uceda Castillo S, Millaire JF, Longstaffe FJ. Residential histories of elites and sacrificial victims at Huacas de Moche, Peru, as reconstructed from oxygen isotopes. *Journal of Archaeological Science*. 42:15-28. <http://dx.doi.org/10.1016/j.jas.2013.10.036>

2011 **Toyne JM.** Interpretations of pre-Hispanic ritual violence at Túcume, from cut mark analysis. *Latin American Antiquity*. 22(4): 505-523.

2011 **Toyne JM.** Possible cases of scalping from Prehispanic highland Peru. *International Journal of Osteoarchaeology.* 21:2:227-242. [DOI: 10.1002/oa.1127](http://onlinelibrary.wiley.com/doi/10.1002/oa.1127/abstract)

2006 **Toyne JM.** Using more than a fine-toothed comb: The applications of DNA analysis of human hair. *Human Mosaic*. 35:42-49.

1999 **Toyne JM**. From Coca to cocaine: The development of traditional drug use to modern drug abuse. *Totem*. 7:19-32.

**UNDER REVIEW PEER-REVIEWED JOURNAL ARTICLES**

Under review **Toyne JM**, Schow C\*\*, Esplin N\*\*. Beyond tuberculosis, other pathological spinal conditions in ancient Chachapoya mummified remains. *Proceedings of the Extraordinary World Mummy Congress*. Submitted June 2019.

### PEER-REVIEWED BOOK CHAPTERS (Total: 10 and 1 *in press*)

(\*\* indicates graduate student)

1. In press **Toyne JM**. Los restos humanos de Revash. In: Alfredo Narváez Vargas, editor. *Revash*. Chachapoyas. p. 102-117.

1. 2019 **Toyne JM**, Anzellini A\*\*. Warriors of the clouds, tombs in the sky: Ancient Chachapoya burial practices. In: Büyükkaraka, Ali Metin, Basak Aksoy, Elit, editors. *Memento Mori: Ölüm ve Ölüm Uygulamalari*. Ankara: Hacettepe University. (In Turkish and English). p.453-485.
2. 2018 Schultz JJ, Meyers P, **Toyne JM**. A bioarchaeological study of the human skeletons from the Red House. In: Reid BA, editor. *An archaeological study of the Red House in Port of Spain (Trinidad)*. Mona, Jamaica: University of the West Indies Press.
3. 2018 **Toyne JM**. Only the men will do. Exploring gendered violence in an Andean mass death assemblage. In: Anderson C, Martin D. editors*. Blood in the villages: Bioarchaeological and forensic evidence for massacres*. Gainesville: University Press of Florida. p.37-59.
4. 2018 **Toyne JM**. A childhood of violence: A bioarchaeological comparison of mass death assemblages from ancient Peru. In: Agarwal S, Beauchesne P, editors. *Integrating emerging bioarchaeological methods and theory into the study of children and childhood in the past*. Gainesville: University Press of Florida. p.171-203.
5. 2016 **Toyne JM.**  Life before death: A paleopathological approach to human sacrifice, paleodemography, and cultural identify from Túcume, Peru. In: Klaus HD, Toyne JM, editors. *Ritual Violence on the North Coast of Peru: Archaeological studies of sacrifice in the ancient Andes*.Austin: University of Texas P. p 215-234.
6. 2016 Klaus HD, **Toyne JM.** Ritual violence on the North Coast of Peru: Perspectives and prospects in the archaeology of ancient Andean sacrifice. In: Klaus HD, Toyne JM, editors. *Ritual violence on the North Coast of Peru: Archaeological studies of sacrifice in the ancient Andes*.Austin: University of Texas P. p 1-24.
7. 2016 Epstein LE\*\*, **Toyne JM.** When space is limited: A spatial exploration of Chachapoya mortuary landscape. In: Osterholtz A, editor. *Theoretical approaches to analysis and interpretation of commingled human remains*. New York: Springer Press. p 95-124.
8. 2015 **Toyne JM.** Ritual violence and human offerings at the Temple of the Sacred Stone, Túcume, Peru. In: Fitzsimmons J, Shimada I, editors. *Living with the dead in the Andes*. Tucson: University of Arizona Press. p 173-199.
9. 2014 **Toyne JM,** Narváez LA**.** The fall of Kuelap: Bioarchaeological analysis of death and destruction on the eastern slopes of the Andes. In: Scherer A, Verano JW, editors. *Conflict, conquest, and the performance of war in Pre-Columbian America*. Washington, D.C.; Dumbarton Oaks Research Library. p 345-368.
10. 2014 Nystrom KC, **Toyne JM.** “Place of Strong Men”: Skeletal trauma among the Chachapoya and the (re)construction of social identity. In: Smith M, Knüsel C, editors. *Traumatised bodies: An osteological history of conflict from earliest prehistory to the present.* London, Routledge Press. p 371-388.

2011 Verano JW, **Toyne JM.**Estudio bioantropológico de los restos humanos de Sector II, Punta Lobos, valle de Huarmey. In: Giersz M, Ghezzi I, editors*. ANDES 8: Arqueología de la Costa de Ancash*. ANDES: Boletín del Centro de Estudios Precolombinos de la Universidad de Varsovia. p 421-446. (In Spanish)

2011 **Toyne JM.** Investigación y análisis de los restos humanos excavados en Huaca Las Balsas, Túcume. In: Narváez A, Delgado B, editors. *Huaca Las Balsas de Túcume: Arte Mural Lambayeque*. Túcume: Ediciones Museo de Sitio. p 195-203.

**UNDER REVIEW PEER-REVIEWED BOOK CHAPTERS**

Under review **Toyne JM.** The body sacrificed: A bioarchaeological analysis of ritual violence in ancient Túcume, Peru In: Büyükkaraka, Ali Metin, Basak Aksoy, Elit, editors. *Danse Macabre Ölüm ve Ölüm Uygulamaları*. Ankara: Hacettepe University. (In Turkish and English).

Under review **Toyne JM.** La vida y la muerte de los sacrificios del Templo de la Piedra Sagrada. In: Narváez A, Delgado B, editors. *Templo de la Piedra Sagrada: rito y sacrificio durante los tiempos*. Túcume: Ediciones Museo de Túcume. Expected December 2020.

Under review **Toyne JM**. Un estudio bioantropológico de restos humanos excavados en Huaca I, Sector IA y IB, Túcume. In: Narváez A, Delgado B, editors. *Huaca I de Túcume: depósitos y construcción monumental*. Túcume: Ediciones Museo de Túcume.

### PEER-REVIEWED PUBLICATIONS IN PROGRESS

In Prep **Toyne JM**, Schow C\*\*. Deep in the marrow: Identification of a probable case of ancient Leukemia in Chachapoyas, Peru. Manuscript in preparation of the *International Journal of Paleopathology*.

In Prep **Toyne JM**, Denierio M\*. Feeding the children: An isotopic exploration of juvenile diet at Kuelap, Peru (AD900-1535). Manuscript in preparation for *Childhood in the Past*.

In Prep **Toyne JM**. Trepanation patterns at Kuelap, Chachapoyas, Peru. Manuscript in preparation for *International Journal of Osteoarchaeology*.

### NON PEER-REVIEWED PUBLICATIONS

**Published Final Reports**

2018 **Toyne JM**. Analisis osteológica de varios entierros de Huaca de la Luna. In: Uceda, S. editor. Informe Huacas de Moche. Trujillo: Universidad Nacional de Trujillo.

**Invited Special Exhibit Museum Catalogue**

2016 **Toyne JM**, Verano JW, White CD, Longstaffe FJ. La vida de un guerrero: un análisis isotópico del sacrificio y la Guerra moche. In: Pardo C, editor*. Conflicto y negociación en los Andes prehispánicos: los Mochicas y sus vecinos*. Lima: Museo de Art de Lima – MALI, Lima, Peru. p 12-22. (In Spanish)

**Other Invited Venues**

2020 **Toyne JM.** Od Perua do Hrvatske. Učeći tehnike kretanja po užadi za arheološka istraživanja lokaliteta na visini. *Velebiten* 45: 94-98.

2016 **Toyne JM**. Nuevos conocimientos sobre las prácticas medicinales de los antiguos Chachapoya. In: Pinzón A, editor. *La sociedad criminal. Una antropología de los criminales*. Chachapoyas: INAAK Ediciones. p 81-90.

2004 **Toyne JM.** A fisherman’s signature? An observation of activity marker patterns of a Pre-Columbian coastal sample from Punta Lobos, Peru. *Paleopathology Newsletter*, 127: 7-16.

2002 Nelson AJ, **Toyne JM**, Neave T, Conlogue G, Beckett R, Garvin G, Nelson C. *The Sulman Mummy*. Permanent Museum Exhibit on Display at the Chatham-Kent Museum, Chatham Cultural Center, Chatham, Ontario.

### NEWSLETTERS (non-peer reviewed contributions)

2016 Toyne JM. New and Old Bioarchaeological Challenges: Exploring the tombs of the Chachapoya, Peru. Notes from the Field. *Paleopathology Newsletter*, 175:32-34.

### TRANSLATIONS FOR PUBLICATIONS (Spanish/English)

2011 *Formal Nomination of the Kuelap Archaeological Complex to the UNESCO List of World Patrimony*. (Formulario de presentación a la lista indicativa del patrimonio mundial UNESCO, complejo arqueológico de Kuelap). Prepared for the Peruvian Minister of Culture, Dr. Juan Ossio Acuna. 50 pages on file at the Ministry of Culture, Lima. (Spanish to English)

* Invited to translate required document based on technical specialization as associated investigator at the site of Kuelap and language proficiency.

n.d. Bray, Tamara L. *Los efectos del imperialismo Inca en la frontera del norte*. (The Effects of Inca Imperialism on the Northern Frontier). PhD dissertation (1990). Trans. J. Marla Toyne. Quito: Universidad Católica de Quito. (152 pages) (English to Spanish)

### Conference Presentations (\* indicates undergraduate student; \*\* graduate student)

### Invited Symposium Papers

1. 2020 **Toyne JM**, Knudson KJ, White CD, Longstaffe FJ. *Telling different stories: Oxygen and strontium isotope variation in human tissues and baseline data from the northern coast of Peru.* Paper submitted at the 89th Annual Meeting of the American Association of Physical Anthropologists, Los Angeles, CA.
* Published abstracts: American Journal of Physical Anthropology 171(S69):286.
1. 2019 **Toyne JM***. Cut to black and white: cases of foot amputation at Túcume, Peru (12-15th ©)*. Podium presentation at the Paleoradiology in Archaeology, Zagreb, Croatia.
2. 2019 **Toyne JM.** *Víctimas o veneradas?**Una examinación bioarqueológica por una perspectiva de género de los ritos de violencia y la identidad social de las “aqlla” de Túcume, Perú*. I Simposio Internacional Las Mujeres en el Origen de las Civilizaciones, Lima, Peru.
3. 2019 **Toyne JM***. Exploring our desire to dance with death: Dark tourism and archaeology*. Podium presentation at the Sense and Sustainability: International Conference for Archaeology and Tourism, Zagreb, Croatia.
4. 2018 **Toyne JM**, Knudson KJ, Verano JW. *Moche mobility and isotopic inconsistencies: Taking on research challenges with various methods.* Poster presented at the 46th Annual Meeting of the Canadian Association for Physical Anthropology (CAPA/ACAP), London, Ontario, Canada.
5. 2018 **Toyne JM**, Howie L. *Above and beyond: Introducing the contributions of Dr. Christine D. White.* Podiumpresentation at the 46th Annual Meeting of the Canadian Association for Physical Anthropology (CAPA/ACAP), London, Ontario, Canada.
6. 2018 **Toyne JM**. *Victims or venerated? A bioarchaeological examination of gendered ritual violence and social identity of the possible Aclla at Túcume, Peru*. Paper presented at the 83rd Society for American Archaeology, Washington, D.C.
7. 2017 **Toyne JM**, Klaus HD, Murphy MS. *Summer has led us here: A bibliographic analysis of recent research trends in South American Paleopathology*. Poster presented at the 44th Paleopathology Association meetings, New Orleans, LA.
8. 2017 Murphy MS, **Toyne JM**, Klaus HD. *From looted cemeteries to modern Paleopathology: Reflections on the history of studies of disease in the South American past*. Poster presented at the 44th Paleopathology Association meetings, New Orleans, LA.
9. 2017 Klaus HD, Murphy MS, **Toyne JM**. *Future landscapes in Andean Paleopathology: Theory, methods, and questions for the next 20 Years*. Poster presented at the 44th Paleopathology Association meetings, New Orleans, LA.
10. 2017 **Toyne JM**. *Where condors reign: Methodological challenges in the bioarchaeology of Chachapoya cliff tombs Peru.* Podium presentation at the 82nd Annual Meeting of the Society for American Archaeology, Vancouver, Canada. Sponsored session by National Geographic and ESRI.
11. 2016 **Toyne JM**. *Accessing an inaccessible history: Collaboration between vertical progression specialists and archaeologists in Peru*. Podium presentation at the 4th Annual International Petzl RopeTrip Symposium, Salt Lake City, UT.
12. 2016 **Toyne JM**. *Only the men will do.* *Exploring sex and gender in Andean mass death assemblages.* Poster presented at the 85th Annual Meeting of the American Association of Physical Anthropologists, Atlanta, GA.

Published Abstracts: American Journal of Physical Anthropology (S62) 159:317.

1. 2015 **Toyne JM**. *Nuevos conocimientos sobre las prácticas medicinales de los antiguos Chachapoya.* International Symposium “Mas Allá de la Cultura”, Universidad Nacional de Toribio de Mendoza, Chachapoyas, Perú. (presented in Spanish)
2. 2015 **Toyne JM**, Narvaez Vargas A. *The bravery and beauty within: Skeletal analysis of the ancient Chachapoya people at Kuelap*. Paper presented at the 80th Annual Meeting of the Society for American Archaeology, San Francisco, CA.
3. 2015 Anzellini A\*\*, **Toyne JM**. *Mortuary variability and chronology of the cliff tombs of La Petaca*. Paper presented at the 80th Annual Meeting of the Society for American Archaeology, San Francisco, CA.
4. 2014 Epstein, LE\*\*, **Toyne JM.** *When space is limited: A spatial exploration of Chachapoya mortuary landscape*. Paper presented at the 79th Annual Meeting of the Society for American Archaeology, Austin, Texas.
5. 2013 **Toyne JM.** *A childhood of violence: A bioarchaeological comparison of mass death assemblages from Ancient Peru.* Paper presented at the 78th Annual Meeting of the Society for American Archaeology, Honolulu, Hawaii.
6. 2012 **Toyne JM.** *El cuerpo sacrificado: análisis bioarqueológica en Túcume, norte de Perú*. Paper presented at “Perú Mágico III, Cosmovisión y arqueología de la muerte,” Lima, Perú. (presented in Spanish)

2011 **Toyne JM.** *The fall of Kuelap: Bioarchaeological analysis of death and destruction on the eastern slopes of the Andes*. Paper presented at Dumbarton Oaks symposium, “Conflict, Conquest, and the Performance of War in Pre-Columbian America,” Washington, D.C.

 2008 **Toyne JM.**  *Evidencia de sacrificios humanos durante el periodo Prehispánico de Túcume, Peru*. Paper presented at Dumbarton Oaks roundtable, “Reconsidering the Late Intermediate Period on the North Coast of Peru,” Trujillo, Peru. (presented in Spanish)

### Contributed Conference Presentations

1. 2021 **Toyne JM**. *Isotopic variation in neoplastic conditions in ancient Chachapoya (CE 1350–1450) mummified remains*. Poster presented at the 48th Annual Meeting of the Paleopathology Association, virtual conference.
2. 2021 Phillips M\*\*, Smith D\*\*, Martin E\*\*, Cruz V\*\*, **Toyne JM**. *Ancient surgery and social identity: Osteobiography of amputees from late pre-Hispanic Túcume, Peru*. Poster presented at the 48th Annual Meeting of the Paleopathology Association, virtual conference.
3. 2021 Haynes H\*\*, **Toyne JM**. *Surrounded by the Dead: A Spatial Analysis of Kuelap’s Mortuary Practices, Peru*. Poster presented at the 86th Annual Meeting of the Society for American Archaeology, virtual conference.
4. 2021 Palacios H\*\*, **Toyne JM**, Callaghan M, Kovacevich B*. Preliminary bioarchaeological and mortuary patterns at Holtun, Guatemala: An analysis of residential and plaza burials.*Podium presentation at the 86th Annual Meeting of the Society for American Archaeology, virtual conference.
5. 2021 Nelson E, Guevara E\*\*, Toyne JM, Herbig A, Krause J, Bos KI. *Pre-Columbian tuberculosis in the Chachapoya from the Northeastern Peruvian Andes***.** Podium presentation at the 86th Annual Meeting of the Society for American Archaeology, virtual conference.
6. 2019 **Toyne JM**, Narvaez A, Guengerich, A, Crandall, J, Church W. *Eating up and down the hills: Regional dietary isoscapes of Chachapoyas.* Northeastern Andean and Amazonian Archaeology and Ethnohistory conference, Rhode Island.
7. 2019 Anzellini A\*\*, **Toyne JM***. GIS in vertical spaces: An examination of location and clustering of mortuary contexts at the cliff site of La Petaca, Peru*. Podium presentation at the 84th Annual Meeting of the Society for American Archaeology.
8. 2019 Woodworth\*\*, S**, Toyne, JM**, Čondić, N, Nystrom, K. 2019. *Reconstruction of the Diet at the Iron Age Site of Cvijina Gradina, Croatia*. Poster presented at the 84th Annual Meeting of the Society for American Archaeology.
9. 2019 **Toyne JM**, Schow C. *Deep in the marrow and blood: A probable case of ancient leukemia in the South American Andes*. Podium presentation at the 1st Workshop for Ancient Rare Diseases, Berlin, Germany.
10. 2018 **Toyne** JM, Schow, C\*\*, Esplin, N\*\*. *Beyond tuberculosis, other pathological spinal conditions in ancient Chachapoya mummified remains*. Podium presentation at the Extraordinary World Congress on Mummy Studies, Tenerife, Canary Islands, Spain.
11. 2018 Michell S\*\*, **Toyne JM**, Narvaez A, Vasquez V. *Animals of the cloud forest: stable isotope analysis of archaeological faunal remains from Kuelap, Peru*. Poster presented at the 83rd Society for American Archaeology, Washington, D.C.
12. 2018 Schow C\*\*, **Toyne JM**. *Differential diagnosis of bone lesions in Pre-Columbian Peru*. Podium and Poster presentation at the Annual Research Conference F.I.R.E., College of Medicine, UCF, Orlando, FL.
13. 2017 **Toyne JM**, Knudson KJ, Uceda Castillo S. *Movilidad y apoderadas isotópicas: explorado la variación regional y complejidad social en Huacas de Moche, Perú*. Paper presented at the II Taller de Arqueología e Isotopos Estables, Mendoza, Argentina. (In Spanish)
14. 2017 **Toyne JM**, Narváez A. *Variación isotópica y mortuoria en la región de Chachapoyas, Perú*. Poster presented at the II Taller de Arqueología e Isotopos Estables, Mendoza, Argentina. (In Spanish)
15. 2017 Garavatti EK\*\*, Esplin N\*\*, Legare TB, Hamacher SJ, Stelzer JW, **Toyne JM**. *Evidence for long-term care from advanced skeletal lesions in a Pre-columbian sample from Peru.* Poster presented at the Florida Medical Association Symposium, Orlando, FL.
16. 2017 **Toyne JM**. *Preliminary evidence for Chachapoya diet and mobility at Kuelap from carbon, nitrogen, and oxygen isotopes*. Paper presented at the South American Archaeology Seminar, Institute of Archaeology, University College of London, England.

1. 2017 Nystrom KC, Mortensen J\*, Čelhar M, **Toyne JM**. *Reconstructing the impact of Romanization on diet at Nadin: establishing the baseline*. Paper presented at the New York State Archaeological Association Annual Meeting, Syracuse, New York.
2. 2017 Young JA\*, Klaus HD, **Toyne JM**, Delgado B. *Kinship structures and social identity in a mass human sacrifice: Biodistance analysis of intracemetery dental phenetic variation, Temple of the Sacred Stone, Túcume, Peru*. Poster presented at the 86th Annual Meeting of the American Association of Physical Anthropologists, New Orleans, LA.
* Published abstract: American Journal of Physical Anthropology 162(S64):417.
1. 2016 Church WB, **Toyne JM**. *Art, identity, and status at the Chachapoya cliff tombs of Los Pinchudos*. 35th Northeast Conference on Andean and Amazonian Archaeology and Ethnohistory. Harvard University, Cambridge.
2. 2016 **Toyne JM**, Narváez A. *When the Inca came to town: A bioarchaeological analysis using osteological and stable isotope indicators for assessing imperial conquest at Kuelap, Chachapoyas, Peru*. Paper presented at the annual Intercongress of the International Union of Anthropological and Ethnological Sciences, Dubrovnik, Croatia.
3. 2016 **Toyne JM**, Esplin N\*\*. *Analyzing skeletal manifestations of Pre-Columbian tuberculosis in the Northeastern highlands of Peru*. Poster presented at the 80th Annual Meeting of the Society for American Archaeology, Orlando, FL.
4. 2016 Meyers PL\*\*, Schultz JJ, **Toyne JM**, Reid B.*Life in the Caribbean: An overview of skeletal pathology from the Red House archaeological site, Port of Spain, Trinidad*. Paper presented at the 43rd Annual Paleopathology Meetings in Atlanta, GA.
5. 2016 **Toyne JM**, Narváez Varga A, Anzellini A\*\*, Tran V\*\*. *Preliminary evidence for Chachapoya diet and mobility at Kuelap from carbon, nitrogen, and oxygen isotopes*. Poster presented at the 43rd Annual Paleopathology Meetings in Atlanta, GA.
6. 2016 Tran V\*\*, **Toyne JM**. *Investigating social variability in dental disease at Kuelap in Pre-Columbian Chachapoyas, Peru*. Poster presented at the 43rd Annual Paleopathology Meetings in Atlanta, GA.
7. 2016 Esplin NE\*\*, **Toyne JM**. *An analysis of skeletal manifestations of Pre-Columbian tuberculosis in the eastern highlands of Peru*. Podium and Poster presentation at the Annual Research Conference F.I.R.E., College of Medicine, UCF, Orlando, FL.

**Awarded 2nd place for Faculty Selected Best Podium Presentation.**

1. 2015 **Toyne JM**, Church WB, Coronado JL, Morales R. *Paleodietary and mobility reconstructions of commingled remains from the tombs at Los Pinchudos, Peru*. Podium presentation at the 42nd Annual Paleopathology Association meetings in St. Louis, MO.
2. 2015 Anzellini A\*\*, Mills E\*\*, Epstein LE\*\*, **Toyne JM**. *Variation in long bone length among the ancient Chachapoya of Peru*. Poster presented at the 42nd Annual Paleopathology Association meetings in St. Louis, MO.

**Cockburn Student prize for Best Poster.**

1. 2015 Tran V\*\*, **Toyne JM**. *Identifying disease in commingled human skeletal remains from an ossuary at Kuelap in Chachapoyas, Peru.* Poster presented at the 42nd Annual Paleopathology Association meetings in St. Louis, MO.
2. 2015 Manoni Z\*\*, **Toyne JM**. *Osteoarthritis in the Andes: Prevalence and patterning of disease among pre-Columbian agro-pastoralists from Kuelap.* Poster presented at the 42nd Annual Paleopathology Association meetings in St. Louis, MO.
3. 2015 **Toyne JM**. *Location, location, location. Exploring the distribution of trepanations and cranial fractures at Kuelap, Chachapoyas, Peru*. Podium presentation at the 43rd Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory. Vanderbilt University, Nashville, TN.
4. 2014 **Toyne JM,** Mejías I, Puig J, Epstein LE\*\*, Anzellini A\*, Guinot S.  *Going vertical: Using vertical progression techniques to explore complex mortuary spaces in Chachapoyas, Peru.* Poster presented at the 79th Annual Meeting of the Society for American Archaeology, Austin, TX.
5. 2014 Anzellini A\*, Toyne JM. *Investigating patterns of interpersonal violence using frequency distributions of cranial vault trauma*. Poster presented at the 41st Annual Meeting of Paleopathology Association, Calgary, Alberta.
6. 2014 **Toyne JM**. *You can trepan if you want to or you can leave your skull alone: Patterns in ancient cranial surgery at Kuelap, Chachapoyas, Peru*. Poster presented at the 83rd Annual Meeting of the American Association of Physical Anthropologists, Calgary, Alberta.
* Published abstract: *American Journal of Physical Anthropology* 153(S58):255.
1. 2014 Tran V.\*, **Toyne JM**. *Determining the minimum number of individuals in a possible archaeological ossuary from Kuelap, Chachapoyas, Peru.* Poster at *Day at the Capitol*, Florida Capitol Rotunda, Tallahassee, FL.

**Select invitation to represent UCF and present at State Capitol**

1. 2014 Tran V.\*, **Toyne JM**. *Determining the minimum number of individuals in a possible archaeological ossuary from Kuelap, Chachapoyas, Peru.* Poster presented at the Florida Undergraduate Research Conference, Miami, FL.
2. 2013 **Toyne JM.** *The dead that watch over us: Chachapoya mortuary archaeology in ancient Peru*. Paper presented at the Bi-annual Meeting of the Society of Amazonian and Andean Studies, Orlando, FL.
3. 2012 **Toyne JM.** *Variation in large ectocranial lesions from prehispanic Kuelap, Peru.* Poster presented at the 39th Annual Meetings of the Paleopathology Association, Portland, OR.

2011 **Toyne JM.** Narváez A. *Patrones de trauma craneales perimortem de una matanza de la ocupación tardía en la fortaleza de Kuélap, Chachapoyas.* Paper presented at the 4th Meeting of the Paleopathology Association in South America (PAMINSA), Lima, Peru.

2011 **Toyne JM,** White CD, Longstaffe FJ. *Isotopic identification of childhood feeding practices among the ancient Moche, Peru*. Poster presented at the 80th Annual Meeting of the American Association of Physical Anthropologists, Minneapolis, MN.

* Published Abstract: *American Journal of Physical Anthropology* 144(S52):296.

2011 **Toyne JM.** *Life before death: Human sacrifice, paleopathology, and cultural identity from Templo de la Piedra Sagrada, Túcume, Peru*. Paper presented at the 76th Annual Meeting of the Society for American Archaeology, Sacramento, CA.

2010 **Toyne JM,** White CD, Verano JW, Hewitt B, Uceda Castillo S, Longstaffe FJ. *An oxygen isotopic examination of Moche sociopolitical complexity using residential histories of the Huacas de Moche people.* Paper presented at the 38th Annual Meeting of the Canadian Association for Physical Anthropology, Saskatoon, Saskatchewan.

2010 **Toyne JM,** White CD, Longstaffe FJ, Verano JW, Uceda Castillo S. *The isotopic identification of pre-Hispanic sacrificial victims from Huaca de la Luna, Peru, using paleodiet*. Paper presented at the 79Th Annual meetings of the American Association of Physical Anthropologists, Albuquerque, NM.

* Published abstract: *American Journal of Physical Anthropology* 141(S50):300.

2010 **Toyne JM,** White CD, Longstaffe FL, Verano JW, Uceda Castillo S. *Isotopic dietary reconstruction of Moche human sacrifices from Huaca de la Luna, Peru.* Paper presented at the 38th Annual MidWest Conference on Andean and Amazonian Archaeology and Ethnohistory, Fort Wayne, IN.

2009 **Toyne JM.** *Bioarchaeological identification of ritual behaviors at the Temple of the Sacred Stone, Túcume Peru.* Paper presented at the 28th Northeast Conference on Andean Archaeology and Ethnohistory, New Paltz, NY.

2009 **Toyne JM.** *The violence that ended it all: Bioarchaeological analysis of interpersonal conflict at the site of Kuelap, Chachapoyas, Peru*. Paper presented at the 74th Annual Meeting of the Society for American Archaeology, Atlanta, GA.

2008 **Toyne JM.** *Exploring the biocultural identity of the sacrificial victims from Templo de la Piedra Sagrada, Túcume, Peru*. Paper presented at the 36th Annual Meeting of the Canadian Association for Physical Anthropology, Hamilton, Ontario.

2008  **Toyne JM.** *Possible cases of prehispanic scalping from highland Peru.* Poster presented at the 35th Annual Meetings of the Paleopathology Association, Columbus, OH.

2008 Hewitt BR, White CD, **Toyne JM**, Longstaffe FJ, Fryer BJ. *The aqlla of Túcume? Biogeochemical and bioarchaeological analyses of 19 individuals buried at Huaca Larga.* Paper presented at the 73rd Annual Society for American Archaeology meetings, Vancouver, B.C.

2007 **Toyne JM.** *Paleopathology, cultural identity and human sacrifices from Templo de la Piedra Sagrada, Túcume, Peru.* Paper presented at the 34th Annual Meetings of the Paleopathology Association, Philadelphia, PA.

2006 **Toyne JM**, Narvaez Vargas A, Delgado Elias B, Guzman Requena N. *Mortuary treatment of human sacrificial victims at the Templo de la Piedra Sagrada, Túcume, Peru*. Paper presented at the 25th Conference on Northeast Andean Archaeology and Ethnohistory, Philadelphia, PA.

2006  **Toyne JM.** *An analysis of sharp force trauma on human sacrificial victims at the Templo de la Piedra Sagrada, Túcume, Peru.* Paper presented at the Biannual European Paleopathology Meetings, Santorini, Greece.

2005 Verano JW, **Toyne JM.** *Ritual sacrifice or reprisal killing? The case of Punta Lobos, a Late Intermediate Period mass burial from the Huarmey Valley, Northern Peru.* Paper presented at the 45th Annual Meeting of Institute of Andean Studies, Berkeley, CA.

2005  **Toyne JM,** Verano JW, Hamilton LS. *Finding clues on the bony surface:  The use of markers of occupational stresses as aids to identification and age determination in skeletonized remains*. Paper presented at the 57th Annual Academic of Forensic Sciences, New Orleans, LA.

* Published*: Proceedings of the American Academy of Forensic Sciences*, XI:327-328.

2004 **Toyne JM,** Delgado B. *Patterns of violent trauma at the Adoratorio Temple, Túcume, Peru.* Paper presented at the 32ndAnnual Meeting of the Canadian Association for Physical Anthropology, London, ON.

2004 **Toyne JM.** *A Fisherman’s signature? An observation of activity marker patterns of a Pre-Columbian coastal sample from Punta Lobos, Peru*. Paper presented at the 31st Annual Meeting of the Paleopathology Association, Tampa Bay, FL.

* **Aidan Cockburn Student Presentation Prize Winner**

2003 **Toyne, J.M.** *Musculoskeletal stress markers (MSM) and weaving activities at a prehistoric coastal site in Peru*. Poster presented at the 73rd Annual Meeting of the American Association of Physical Anthropologists, Tempe, AZ.

* Published Proceedings: American Journal of Physical Anthropology (S41) 36:211.

2002 **Toyne, J.M.** *Testing the ethnohistoric record with biological expectations. An example from northern Peru*. Paper presented at the 30th Annual Meeting of Canadian Association for Physical Anthropology, Ottawa, Ontario.

2002  **Toyne, J.M.**, A.J. Nelson, A. Narváez, and B. Delgado. *Mummies, the media and science: The unwrapping of an Inka mummy from Túcume, Peru*. Paper presented at the 30thAnnual Meeting of Canadian Association for Physical Anthropology, Ottawa, Ontario.

2002 **Toyne, J.M.** *Gender and archaeology. An Inkan example*. Paper presented at the 1st Annual Gender and Society Symposium Lecture Series, The University of Western Ontario, London, Ontario.

2002 Nelson, A.J., **J.M. Toyne**, T. Neave, A., G. Conlogue, R. Beckett, G. Garvin, and C. Nelson. *The Sulman Mummy: Prince, princess or pauper*? Poster presented at the 29th Annual Paleopathology Association Meetings, Buffalo, NY.

2001 **Toyne, J.M.**, A.J. Nelson, A. Narváez, and B. Delgado. *The bioarchaeological analysis of the skeletal remains of the Inka weaving women from Túcume, Peru*. Paper presented at the 20th Annual Northeastern Andean and Amazonian Archaeology and Ethnohistory Conference, London, Ontario.

2001 **Toyne JM.** *Musculoskeletal stress markers (MSM) among a prehistoric Inka sample from Túcume, Peru*. Paper presented at the 29th Annual Meeting of the Canadian Association for Physical Anthropology, Winnipeg, Manitoba.

2001 **Toyne JM.** *Gender and Maya cranial modification*. Paper presented at the Annual Anthropology Symposium. The University of Western Ontario, London, Ontario.

2001 Cordy-Collins A, Conlogue G, Garvin G, Nelson AJ, **Toyne JM**. *Radiographic and paleopathic diagnosis of A52T1B1 (An ancient Peruvian giant).* Poster presented at the 28th Annual Paleopathology Association Meetings, Kansas City, MS.

2000 Nelson AJ, Lichtenfeld M, Conlogue G, **Toyne JM**, Pool S. *Cranial modification in the Jequetepeque Valley*. Paper at the 19th Annual Northeast Andean and Amazonian Archaeology and Ethnohistory Conference, Dartmouth College, NH.

### ACADEMIC MEETING SESSION CHAIR

2008 Bioarchaeology Session. Open session at the 74th Annual Meeting of the Society for American Archaeology, Atlanta, GA.

### ACADEMIC MEETING SESSION ORGANIZER

2019 Toyne JM. *Danse Macabre: Dark tourism and archaeology*. Organized session at the Sense and Sustainability: International Conference for Archaeology and Tourism, Zagreb, Croatia.

2018 Co-Chair with L. Howie. *The Odyssey and the Mentor: The Contributions of Dr. Christine D. White to Bioanthropology and Beyond.* Organized session at the 46th Annual Meeting of the Canadian Association for Physical Anthropology (CAPA/ACAP), London, Ontario, Canada.

2017 Co-Chair with M. Murphy and H. Klaus. *The Paleopathology of Andean South America: 20 Years of Advances and Future Prospects*. Invited symposium organized at the 44th Annual Meeting of the Paleopathology Association, New Orleans, LA.

2011 Co-Chair with H. Klaus. *New Perspectives on Ritual Violence and Sacrifice on the North Coast of Peru: Diachronic and Multidisciplinary Studies of Human Remains*. Invited symposium organized at the 76th Annual Meeting of the Society for American Archaeology, Sacramento, CA.

## Technical Reports - Unpublished

**Toyne JM**

2019 *Informe Final del Análisis de los* *Restos Humanos deTucume (Huacas las Abejas y el Cementerio Los Gavilane.* On file with Lic. Bernarda Delgado, director of the Túcume Site Museum, Túcume, Lambayeque. (62 pages)

2018 *Informe Final del* *Análisis Isotópico los Restos Humanos Proyecto Tambillo, Etapa 2018.* On file with Anna Guengerich, director of the Tambillo Archaeological Project, Chachapoyas, Amazonas. (12 pages)

2018 *Informe Final del Análisis de los* *Restos Humanos deTucume (Huacas las Abejas y el Cementerio Los Gavilanes)*. On file with Lic. Bernarda Delgado, director of the Túcume Site Museum, Túcume, Lambayeque. (40 pages)

2018 *Informe Final del Análisis de los* *Restos Humanos Cajamarquilla, Lima province.* On file with Lic. Natalia Guzman, director Gestion de Monumentos, Ministry of Culture of Peru, Lima, Rimac. (12 pages)

2018 *Informe Final del* *Análisis Isotópico de los Restos Humanos y Animales de Monte Viudo.* On file with Anna Guengerich, director of the Tambillo Archaeological Project, Chachapoyas, Amazonas. (6 pages)

2018 *Informe Final del* *Análisis Isotópico de los Restos Humanos y Animales de Purunllacta de Soloco.* On file with James Crandall, director of the Purunllacta de Soloco Archaeological Project, Chachapoyas, Amazonas. (8 pages)

2017 Final Report. *Stable isotope sample preparation and analysis of human remains for Nadin, Croatia*. On file with Dr. Ken Nystrom, co-director of the Nadin Archaeological Project. (10 pgs)

2017 Informe Final *Informe Final del Análisis de los* *Restos Humanos deTucume (Nueva Etapa de excacacion 2016)*. On file with Lic. Bernarda Delgado, director of the Túcume Site Museum, Túcume, Lambayeque. (51 pages)

2017 Informe Final *Informe Final del Análisis de los* *Restos Humanos (entierros nuevos) de Huaca de la Luna*. On file with Dr. Santiago Uceda, director of the Proyecto Arqueológico Huacas de Moche, Trujillo, La Libertad. (32 pages)

2016 Informe Final *Investigación de Contextos Arqueológicos y Funerarios del Sitio Arqueológico de La Petaca – Distrito de Leymebamba, Provincia de Chachapoya*. On file with the Ministerio de Cultura, Peru. RD No237-2016-DGPA-VMPCIC/MC (124 pages)

2015 Informe Final del Investigación de Fondos Museográficos *Proyecto de Investigación Bioarqueológico de Chachapoyas*. On file with the Ministerio de Cultura, Peru. RD No05-2015-DGM-VMPCIC/MC (40 pages).

2015 *Informe Final del Análisis de los* *Restos Humanos de Purunllacta de Soloco.* On file with James Crandall, co-director of the Archaeological Investigation Project at Purunllacta de Soloco, Chachapoyas, Amazonas. (20 pages)

2014 *Informe Final del* *Análisis Isotópico de los Restos Humanos de Kuelap.* On file with Alfredo Narváez, director of the Archaeological Conservation Project at Kuelap, Chachapoyas, Amazonas. (8 pages)

2014 *Informe Final del* *Análisis Isotópico de los Restos Humanos de Los Pinchudos.* On file with Lic. Jose Coronado, professor Universidad Nacional de Trujillo, Trujillo. (7 pages)

2014 *Informe Final del* *Análisis Osteológica de los Restos Humanos de Túcume – Varios sectores.* On file with Bernarda Delgado, director of the Túcume Site Museum, Túcume, Lambayeque. (87 pgs)

2013 *Informe Final de la Prospección e Investigación de Contextos Arqueológicos y Funerarios del Sitio Arqueológico de La Petaca – Distrito de Leymebamba, Provincia de Chachapoya*. On file with the Ministerio de Cultura, Peru. RD No282-2013-DGPC-VMPCIC/MC (160 pages)

2012 *Propuesta para Iniciar un Proyecto de Investigación Arqueológica en la Caverna de Piruro, Rodriquez de Mendoza – Amazonas, Perú*. On file with Dir. Jose Trauco Ramos, Regional Ministerio de Cultura – Amazonas, Peru. (7 pages)

2012 *Análisis Osteológica de los Restos Humanos de Túcume – Sector Cementerio Oeste.* On file with Bernarda Delgado, director of the Túcume Site Museum, Túcume, Lambayeque. (17 pgs)

2012 *Análisis Osteológica de los Restos Humanos de Túcume – Sector Huaca Larga (2007).* On file with Bernarda Delgado, director of the Túcume Site Museum, Túcume, Lambayeque. (19 pgs)

2012 *Análisis Osteológica de los Restos Humanos de Kuelap (Etapa VI) continuación*. On file with Alfredo Narváez, director of the Archaeological Conservation Project at Kuelap, Chachapoyas, Amazonas. (8 pages)

2012 *Análisis Osteológico de los Restos Humanos de Huayruco.* On file with Ryan Clasby, graduate student Yale University, director of the Tabaconas/Chinchipe Rivers Archaeological Project, Jaen, Peru. (8 pages)

2011 *Análisis Osteológico de los Restos Humanos de Huaca de Huaca I, Túcume.* On file with Bernarda Delgado, director of the Túcume Site Museum, Túcume, Lambayeque. (35 pages)

2011 *Informe del Análisis Osteológico y radiográfica de los restos de humanos excavados del Sitio de Kuelap, Chachapoyas, Perú*. On file with Jose Santos Trauco Ramos, director of the Regional Instituto Nacional de Cultura, Chachapoyas, Amazonas. (6 pages)

2011 *Análisis Osteológico de los Restos Humanos del Sitio de la Fortaleza de Kuelap (Etapa VI), Chachapoyas, Perú*. On file with Alfredo Narváez, director of the Archaeological Conservation Project at Kuelap, Chachapoyas, Amazonas. (81 pages)

2009 *Análisis Osteológico de los Restos Humanos de Huaca de las Balsas, Túcume.* On file with Bernarda Delgado, director of the Túcume Site Museum, Túcume, Lambayeque. (12 pages)

2008 *Análisis Osteológico de los Restos Humanos del Sitio de la Fortaleza de Kuelap (Etapa V), Chachapoyas, Perú*. On file with Alfredo Narváez, director of the Archaeological Conservation Project at Kuelap, Chachapoyas, Amazonas. (54 pages)

2007 *Análisis Osteológico de los Restos Humanos del Tintero (Etapa II – IV), de la Fortaleza de Kuelap, Chachapoyas, Perú*. On file with Alfredo Narváez, director of the Archaeological Conservation Project at Kuelap, Chachapoyas. (25 pages)

2006 *Análisis Osteológico de los Restos Humanos del Sitio Arqueológico Revash, Chachapoyas, Perú*. On file with Alfredo Narváez, director of the Revash Conservation Project, Chachapoyas. (15 pages)

2006 *Analysis of Human Skeletal Remains from the Late Intermediate Period Occupation of Farfán, Perú*. Presented to Dr. Carol Mackey, director of Farfán Archaeological Project, Pacasmayo. (13 pages - English)

2006 *Informe Final de las Excavaciones del Templo de la Piedra Sagrada.* Submitted to INC-Lambayeque and on file with Bernarda Delgado, director of the Túcume Site Museum, Lambayeque. (60 pages)

2005 *Análisis Osteológico de los Restos Humanos del Sitio de la Fortaleza de Kuelap (Etapa II), Chachapoyas, Perú*. On file with Alfredo Narváez, director of the Archaeological Conservation Project at Kuelap, Chachapoyas, Perú. (32 pages)

2004 *Resumen de los Restos Óseos Humanos del Adoratorio, Túcume, Peru*. On file with the director of the Túcume Site Museum, Lambayeque, Perú. (9 pages)

2004 *Análisis Morfológica de los Restos Óseos del Proyecto de Camisea*. On file with Mellisa Lund Valle, Lima, Perú. (5 pages)

2004 *Resumen de los Restos Humanos de Kuelap Excavados en el 2003 y 2004*. On file with Alfredo Narváez, director of the Kuelap Conservation Project, Chachapoyas, Perú. (8 pages)

2004 *Resumen del Trabajo del Inventario de Restos Humanos del Museo del Sitio de Túcume, Lambayeque, Perú*. On file with the director of the Túcume Site Museum, Lambayeque, Perú. (1 page)

2001 *Resumen del Análisis Osteológico de los Restos Humanos del Templo de Piedra, de la Huaca Larga, Túcume, del Periodo Inca*. On file with the director of the Túcume Site Museum, Lambayeque, Perú. (2 pages)

2000 *Osteological Analysis of Skeletal Materials excavated from La Comarca (Z3-B3-022) Ecuador*. On file with Marcus Varga, Quito, Ecuador. (5 pages)

1999 *Human Osteological Summary Report for the Shanshipampa Archaeological Project (1999).* On file with project director Dr. Tamara Bray, Wayne State University, Michigan. (2 pages)

Verano JW, **Toyne JM**

2003 *Osteological Analysis of Human Skeletal Remains from Punta Lobos, Huarmey Valley, Perú*. On file INC-Ancash, Casma, Perú. (in Spanish) (12 pages)

## RESEARCH GRANTS

## *EXTERNAL research grants And Contracts*

2021 **National Science Foundation**. Standard Research Grant Archaeology. (co-PI, 25%) **$55,729**

 *Collaborative Research: Adaptive Strategies Under Empire Transitions (*$173,805).

2020 **Rust Family Foundation***.* (UCF Research ID:##) (PI, 100%) **$4,688**

*Vertical and virtual archaeology: Creating digital 3D models of the ancient cliff tombs of La Petaca and Diablo Wasi, Peru.* (Competitive grant) Deferred until 2022.

2020 Research Service Contract (UCF Research ID: 24148049) (PI, 100%) **$10,000**

*Stable isotope research collaboration, Croatia*. Anthropological Institute for Anthropology, Zagreb, Croatia.

2018 Research Service Contract (UCF Research ID: 24148045) (PI, 100%) **$1,000**

 *Stable isotope research at Nadin, Croatia*. University of SUNY-New Paltz, NY.

2018 Research Service Contract (UCF Research ID: 24148045) (PI, 100%) **$2,140**

 *Stable isotope research El Peru, Guatemala.* Tulane University, New Orleans, LA.

2018 Research Service Contract (UCF Research ID: 24148045) (PI, 100%) **$2,156**

 *Stable isotope research at La Corona, Guatemala*. Tulane University, New Orleans.

2018 Research Service Contract (UCF Research ID: 24148045) (PI, 100%) **$2,641**

 *Stable isotope research at Nadin, Croatia*. University of Zadar, Croatia.

2017 **Rust Family Foundation***.* (UCF Research ID: 24148043) (PI, 100%) **$3,000**

 *Exploring Elite Diet and Migration among Pre-Columbian Chachapoya of the Eastern Andean Mountains of Peru.* (Competitive grant)

* Final report online. <http://rfamfound1.org/proj48find.html>

2016 **National Geographic Committee for Research and Exploration Council Grant** (NGS-9887-16). (UCF Research ID: 1059168) (PI, 100%) **$19,984**

*Mortuary Landscape and Social Complexity among Pre-Columbian Chachapoya of the Eastern Andean Mountains of Peru*.

2016 **Rust Family Foundation***.* (UCF Research ID: 1060095) (PI, 100%) **$5,056**

 *Defining Mortuary Landscapes and Social Complexity among the Ancient Chachapoya of Peru.* (Competitive grant)

* This foundation awards archaeological field research for innovative projects that explore basic questions of human development or protect and conserve archaeological sites and artifacts from destruction. Grant founded Fall 2015 – first award cycle. <http://rfamfound1.org/archproj.html>

2016 **Petzl Foundation, France.** (UCF Research ID: 1059379) (PI) **$10,000**

*“Ukhupacha and Hanupacha: The Worlds Above and Below” – Using Vertical Techniques to Explore Prehispanic Chachapoya Mortuary Archaeology in Peru: continued*. (Competitive application)

* Petzl Foundation is a non-profit that provides small grants to support research for mountain and vertical access communities in accident prevention, conservation, and scientific research. <https://www.petzl.com/fondation/fondation-petzl?language=en#.Vu9Kpil338g>

2013 **Petzl Foundation, France.** (UCF Research ID: 1055208) (PI) **$8,000**

*“Ukhupacha and Hanupacha: The Worlds Above and Below” – Using Vertical Techniques to Explore Prehispanic Chachapoya Mortuary Archaeology in Peru*. (Competitive application)

2010 **Social Science and Humanities Research Council of Canada** **$43,000** [CDN]

*Landscape and Identity among the pre-Hispanic Moche on the North Coast of Peru*

**PostDoctoral Fellowship** (competitive grant application) Award No. 756-2010-0739.

* National scientific granting agency of Canada

2008 **National Geographic Expeditions Council Grant** (PI) **$29,435**

*Investigation and Analysis of a Possible Mass Grave during the Final Occupation of Kuelap (AD 1500-1540)* (competitive grant application) (EC0374-08)

2004 Social Sciences and Humanities Research Council of Canada $40,000 [CDN]

*A Diachronic Analysis of Biological Health Status and Population History on the North Coast of Peru.* Doctoral Fellowship (competitive grant application) Award No. 752-2004-0603

## *INTERNAL research grants (competitive)*

2013 UCF University In-House Research Grant. University of Central Florida (PI) **$7,500**

* Funding to support research and fieldwork

2004 Tinker Foundation/Stone-Thayer Center Graduate Student Summer Research Grant

**$1,290**

2003 Tinker Foundation/Stone-Thayer Center Graduate Student Summer Research Grant

**$1,095**

## *TEACHING GRANTS*

2017 Starbuck, John (PI), John Schultz (co-PI), J. Marla Toyne (co-PI), Michael Callaghan (co-PI), Brigitte Kovacevich (co-PI), Edward Gonzalez-Tennant (co-PI). “Anthropology 3D” QEP. **$9,746**

2016 Toyne, J. Marla (PI) In House Study Abroad Development Grant. UCF. International Affairs and Global Strategies Program, University of Central Florida. **$3,000**

2016 The Learning Institute for Elders (L.I.F.E.) at University of Central Florida Inc.

Grant to purchase teaching casts for Biological Anthropology courses, Department of Anthropology. (Co-PI with J. Schultz). **$1,500**

2015 The Learning Institute for Elders (L.I.F.E.) at University of Central Florida Inc.

Grant to purchase teaching casts for Biological Anthropology courses, Department of Anthropology. (Co-PI with J. Schultz). **$1,500**

2013 The Learning Institute for Elders (L.I.F.E.) at University of Central Florida Inc.

 Grant to purchase teaching casts for Biological Anthropology courses, Department of Anthropology. (Co-PI with J. Schultz and S. Wheeler) **$2,300**

## *Archaeological FIELD RESEARCH and Experience*

2016 Director, **Archaeological Investigation**. *Proyecto de Investigación de Contextos Funerarios del Sitio Arqueológico La Petaca, Distrito de Leymebamba, Provincia de Chachapoyas – Amazonas.* Resolución Directoral N° 237-2016-DGPA/VMPCIC/MC. (May – July)

 Research funding: $35,040 (National Geographic Society, Petzl Foundation, Rust Family Foundation, and private donations of equipment by Southern Rope Access, Pigeon Mountain Industries, and On Rope)

2015 **Director, Museum Investigation.** *Proyecto Bioarqueológico de Chachapoyas – Perú: Análisis y selección de muestras óseas de diversos sitios arqueológicos del departamento de Amazonas.* Resolución Directoral N° 005-2015-DGM-VMPCIC/MC. (May – July)

2014 **Director, Museum Investigation.** *Proyecto Bioarqueológico de Túcume, Peru* (May – July)

2013 **Director, Archaeological Investigation.** *Proyecto de Prospección i Investigación de Contextos Mortuorios de La Petaca, Amazonas, Peru.* Resolución Directoral No 282-2013-DGPC-VMPCIC-MC (May – June)

 Research funding: $23,000 (UCF start-up, UCF In House grant, Petzl Foundation, and MonVertical equipment donation)

2012 **Director**, Preliminary Exploration and Investigation of La Petaca, Amazonas, Peru (May – June)

 Research funding: $7,500 (UCF start-up)

2005 **Co-Director Field Excavation and Director Osteology Laboratory** – Archaeological Project of Investigation, Conservation and Valorization of Túcume, Perú (May – Dec)

2001 **CRM Field Archaeologist -** Archaeologix Consultants, London, Ontario

Director: Jim Wilson (April – July)

2000 **CRM Field Archaeologist -** Mayer Heritage Consultants Ltd., London, Ontario

 Director: Paul O’Neal (March – July)

2000 **Project Assistant -** Shanshipampa Project, Pimampiro Valley, Ecuador

 Director - Dr. Tamara Bray (Wayne State University) (May – July)

1999 **Project Assistant -** Shanshipampa Project, Pimampiro Valley, Ecuador

 Director - Dr. Tamara Bray (Wayne State University) (May – Aug)

1998 **Belize Valley Archaeological Reconnaissance (BVAR) Field School**

 Director - Dr. Jaime Awe (University of New Hampshire) (June – July)

1997 **The Brian Site, London Archaeological Field Methods Course 307a**, **UWO**

 Instructor – Dr. Peter Timmins (The University of Western Ontario) (Sept – Dec)

## *Laboratory RESEARCH*

2012 to Present **Co-Director,** UCF Laboratory for Bioarchaeological Sciences

-archaeological human bone sample preparation for isotopic analysis and research training in research and supervision of undergraduate volunteers

2013 **Director, Osteological Laboratory Analysis.** *Proyecto de Prospección i Investigación de Contextos Mortuorios de La Petaca, Amazonas, Perú.* Resolución Directoral No 282-2013-DGPC-VMPCIC-MC (July-August)

2013 **Director**, Osteological analysis of skeletal remains from Huacas de Moche, Peru (August)

2012 **Director**, Osteological analysis of skeletal remains from Túcume, Peru (June)

2011 **Director**, Osteological analysis of skeletal remains from Kuelap, Peru (Jan – Mar)

2011 **Director**, Osteological analysis of skeletal remains from Túcume, Peru (Mar)

2008 **Postdoctoral Research**, Laboratory for Stable Isotope Science, UWO

-2011

2009 **Director**, Osteological analysis of skeletal remains from Túcume, Peru (May-June)

2008 **Director**, Osteological analysis of skeletal remains from Kuelap and Supervision of Graduate Students and Volunteers, Kuelap Archaeological Project, Peru (June – Aug)

2007 **Director**, Osteological analysis of skeletal remains from Kuelap, Peru (June)

2006 **Director**, Osteological analysis of skeletal remains from Revash, Peru (June

2005 **Director**, Osteological analysis of skeletal remains from Kuelap (June)

2005 **Director**, Osteological analysis of skeletal remains and supervision of Undergraduate Students and Volunteers, Túcume Archaeological Project Peru (June – August)

2004 **Director**, Osteological analysis of skeletal remains from Kuelap, Peru (August)

2001 **Director**, Osteological analysis of skeletal remains Túcume Archaeological Project Peru, (July-August)

## TEACHING ACTIVITIES

## TEACHING AREAS

Biological anthropology; human osteology; bioarchaeology; paleopathology; human variation and adaptation; stable isotope analysis; Andean archaeology; mortuary practices; social conflict; ritual violence

## COURSES TAUGHT

**University of Central Florida (2011-present) (\*represents a curriculum addition)**

**Undergraduate Courses**:

* ANT2511h *Human Species (Honors)* (taught 5 times)
* \*ANT3169M *Life and Death in the Ancient Andes* (taught 2 times)
* \*ANT4406/M *Pain and Suffering: The Anthropology of Violence* (taught 3 times)
* ANT4516/M *Human Biological Diversity* (class room) (taught 3 times)
* \*ANT4932 *Health and Healing in the Ancient World: An Anthro Perspective* (taught 2 times)
* ANT4586/CM *Human Origins* (mixed mode with lab) (taught 13 times)
* ANT4903 *Honors Directed Readings – Paleodemography* (taught 1 time); *Bioarchaeology of Violence* (taught 1 time)
* ANT4906 *Directed Independent Study - Dental Anthropology* (taught 1 time)
* ANT4912 *Directed Independent Research* (18 students over various semesters)

**Graduate Courses (M.A. level)**:

* ANG6002 *Proseminar in Anthropology* (taught 2 times)
* \*ANG6189 Advances in Stable Isotopic Science (taught 1 time)
* ANG6520C *Advanced Human Osteology* (mixed mode with lab) (taught 3 times)
* ANG6521 *Forensic Archaeological Field Methods* (taught 2 times)
* \*ANG6536 *Advances in Bioarchaeology* (taught 1 time)
* ANG6908 *Independent Study – Stable Isotopes in Anthropology* (taught 1 time); *Bioarchaeology of Physical Labor* (taught 1 time); *Biodistance in the Andes* (taught 1 time); *Paleodemography* (taught 1 time); *Chachapoya Bioarchaeology and History* (taught 1 time); *Andean Explorations of DOHaD* (taught 1 time)

**The University of Western Ontario (2009-2010)**

Undergraduate:

* ANT1025G Introduction to Socio-Cultural Anthropology (Spring 2009)
* ANT1026G Introduction to Physical Anthropology and Archaeology (Spring 2009)
* ANT2228F Anthropology of Death – Special Topics in Anthropology\* (Fall 2010)
* ANT2234G Andean Prehistory (Spring 2010)

**Tulane University (2008)**

Undergraduate: ANT101-02 Human Origins (Spring 2008)

**University of Windsor (2006)**

Undergraduate: ANT49-112 Culture in a Comparative Perspective (Fall 2006)

### EDUCATIONAL WORKSHOPS (UCF and International)

2017 International Osteological Workshop. “*Taller en osteologia*”. Invited by Universidad Nacional de Trujillo, Trujillo, Perú. (1 week workshop – In Spanish)

2017 International Osteological Workshop. “*Taller en bioarqueologia y osteologia*”. Invited by Universidad Nacional Pedro Ruiz Gallo, Lambayeque, Perú. (1 week workshop – In Spanish)

2013-2017 **Anthropology Writing Workshop (AWW) Instructor**

* Annual, semester long series of topics designed to improve writing and publication potential of graduate and HIM students

2015 International Osteological Workshop. “*Taller de Antropología Física y Forense: Lo que los huesos esconden*”. Invited by Instituto de Investigación de Arqueología y Antropología "Kuelap" - INAAK de la Universidad Nacional Toribio Rodríguez de Mendoza de Amazonas, Chachapoyas, Perú. (**Presenter – In Spanish**)

2015 Osteological Workshop. “*Taller de Antropología Física – Lo que los huesos nos cuentan*”. Invited by the Colegio de Alta Rendimiento, Chachapoyas, Peru. (**Presenter – In Spanish**)

### TEACHING DEVELOPMENT

2021 Faculty Center Development track. Participant. **Faculty Center for Teaching and Learning - Summer Faculty Development Conference.**  UCF, Orlando.

2021 Teaching Squares participant. **Faculty Center for Teaching and Learning program.**

2018 Faculty Center Development track. Participant. **Faculty Center for Teaching and Learning - Summer Faculty Development Conference.**  UCF, Orlando.

2018 “Transfer Student Workshop”. Participant. **Quality Enhancement Plan**. UCF, Orlando.

2017 QEP Track. “Anthropology 3D”. Participant. **Faculty Center for Teaching and Learning - Summer Faculty Development Conference.**  UCF, Orlando.

2017 “Digital Storytelling Workshop”. Participant. **Quality Enhancement Plan**. UCF, Orlando.

2015 “Transparency in Teaching and Learning”. Participant. **Faculty Center for Teaching and Learning - Winter Faculty Development Conference,** UCF, Orlando.

2015 **Next Generation Learning Spaces Site Tour and Conference Panelist**, UCF, Orlando.

2015 STEM Proposal Development Track. Participant. **Faculty Center for Teaching and Learning - Summer Faculty Development Conference.**  UCF, Orlando.

2014 UCF S.A.F.E. Training workshop for Veteran-Faculty.

2014 “I Told You to Pack Extra Socks” Approaches for Preparing Anthropology Students for Field Research Abroad. Participant. **Faculty Center for Teaching and Learning - Summer Faculty Development Conference.** UCF, Orlando.

2013 **Writing Across the Curriculum (WAC)** work group, Center for Writing and Rhetoric, UCF, Orlando.

2011 “Bring Back the Bones” Experiential Learning of Human Evolution using the Fossils Themselves. Participant. **Faculty Center for Teaching and Learning - Winter Faculty Development Conference.** UCF, Orlando.

2011 IDL6543 **Online Course Development Certification**. Center for Distributed Learning, UCF.

**PEDAGOGICAL PUBLICATIONS**

2015 **Toyne JM**. Pack extra socks: Preparing students for international archaeological fieldwork (in dangerous and remote places). *UCF Faculty Focus Newsletter*, 14(3):6-7.

## DIRECTION OF STUDENT RESEARCH

### *CHAIRED Ph.D. DEGREES – IN PROGRESS (n=2)*

Megann Phillips, Dept. of Anthropology, UCF

* **Trevor Colbourn Anthropology Endowment Fund awarded ($1500)**

Jonathan Barkmeier, Dept of Anthropology, UCF

* **Trevor Colbourn Anthropology Endowment Fund awarded ($1500)**

### *SERVICE ON Ph.D. DISSERTATION COMMITTEES – Completed (n=1)*

Maricarmen Vega Dept. of Anthropology, The University of Western Ontario, Canada, Ph.D. Thesis title: *A History of Violence: 3200 Years of Interpersonal and Intergroup Conflicts from the Initial to the Early Colonial Periods in the Peruvian Central Coast. A Bioarchaeological Perspective*. Degree awarded Summer 2016.

### *SERVICE ON Ph.D. DEGREE COMMITTEES – IN PROGRESS (n=2)* Dept. of Anthropology, UCF

Jane Holdstrom

Kat Lane

### *CHAIRED M.A. DEGREES AWARDED (n=9)*

2021 Marlon Koci, Dept. of Anthropology, UCF. Thesis title*:* *Understanding the dietary behavior of a 7-8th century Avar community from Jagodnjak, Croatia, using stable isotope analysis of bone collagen*

* **Trevor Colbourn Anthropology Endowment Fund awarded ($400)**

2021 Dylan Smith, Dept. of Anthropology, UCF. Thesis title*:* *Dietary variation of social elites with a Late Horizon cemetery* *(A.D.* *1470**–1532) at Túcume, Peru: Stable carbon and nitrogen isotopic analyses of Huaca Las Abejas*

* **Trevor Colbourn Anthropology Endowment Fund awarded ($400)**
* **First place (Social Sciences) UCF Graduate Research Forum poster – 2021**

2021 Horvey Palacios, Dept. of Anthropology, UCF (co-chair Dr. Callaghan). Thesis title*: Bioarchaeological and mortuary patterns at Holtun, Guatemala: Integrating a comparative osteobiographic approach.*

2021 Erin Martin, Dept. of Anthropology, UCF (co-chair Dr. Schultz). Thesis title*: Forensic implications for the diagenetic alteration of the stable isotopic composition of pig ribs following exposure to aqueous conditions.*

* **Women’s Executive Council of Florida scholarship ($1000)**
* **Trevor Colbourn Anthropology Endowment Fund awarded ($400)**

2020 Vanessa Cruz, Dept. of Anthropology, UCF. Non-thesis option.

2018 Samantha Michell, Dept. of Anthropology, UCF. M.A. Thesis title: *Animals of the Cloud Forest: An isotopic analysis of faunal remains from Kuelap, Peru*.

2018 Zorina Manoni, Dept. of Anthropology, UCF. M.A. Thesis title: *Osteoarthritic changes and activity patterns from the Medieval cemetery of Mistihalj, Bosnia-Herzegovina*.

* **Second place (Social Sciences) UCF Graduate Research Forum poster – 2016**
* **First place (Social Sciences) UCF Graduate Research Forum poster – 2015**
* **Second place (Social Sciences) State of Florida Gradate Research Forum – 2015**

2016 Armando Anzellini, Dept. of Anthropology, UCF. M.A. Thesis title: *Biometric analysis of post-cranial long bone variation of commingled human remains from La Petaca, Chachapoyas, Peru*.

* **UCF Delores A. Auzenne Graduate Fellowship ($5000) 2015-16**
* **UCF College of Sciences General Scholarship ($1000) 2015**
* **Paleopathology Association Meeting Eve Cockburn Student Poster Award 2015**

2016 Vu Tran, Dept. of Anthropology, UCF. M.A. Thesis title: *Dental pathology from skeletal remains from Kuelap, Peru.*

* **McNair Graduate Scholars Program 2014-16**
* **UCF Alumni Scholarship ($1500) 2015**

2015 Wesley Garrett, Dept. of Anthropology, UCF. M.A. Thesis title: *Community identity and the archaeological complex of Túcume, Peru: A synthesis of cranial and dental nonmetric variation.*

2015 Taylor Remley, Dept. of Anthropology, UCF. Non-thesis option.

2014 Lori Epstein, Dept. of Anthropology, UCF. M.A. Thesis title: *A spatial analysis of Chachapoya mortuary ritual at La Petaca, Peru*.

### *SERVICE ON M.A. DEGREE COMMITTEES – COMPLETED (n=9)* Dept. of Anthropology, UCF

2020 Brenna Raisor

2020 Abigail Kindler

2019 Rachel Gregoire

2016 Adam Kersch

2016 Patricia Meyers

2015 Katie East

2014 Caitlin Meizel-Lambert

2013 Sammantha Holder

2013 Heather Zimmerman

### *CHAIRED M.A. DEGREES - IN PROGRESS (n=3)* Dept. of Anthropology, UCF

Hannah Haynes

* **Trevor Colbourn Anthropology Endowment Fund awarded ($400)**

Hannah Pytleski

* **Trevor Colbourn Anthropology Endowment Fund awarded ($400)**

Brianna Muir

### *SERVICE ON M.A. DEGREE COMMITTEES – IN PROGRESS (n=2)* Dept. of Anthropology, UCF

Zachary Kennard

Rachel Lotze

### *SERVICE as F.I.R.E. Mentor (UCF College of Medicine - Focused Inquiry & Research Experience)*

* This is a 2-year research mentorship program for UCF Medical Students.

Christopher Schow Research: *Bone disease in mummified human remains; possible case of multiple myeloma*. Module completed spring 2018.

Nathan Esplin Research: *Analyzing skeletal manifestations of Pre-Columbian tuberculosis in the eastern highlands of Peru*. Module completed spring 2016.

**Awarded 2nd place Faculty Choice for podium presentation at FIRE Research Conference (2016)**

### *Undergraduate Research Honors Undergraduate Thesis (HUT) Mentor – COMPLETED (n=4)*

2020 Sarah Wenger, , Dept. of Anthropology, UCF. (**Chair**)

 Project title: *Cranial modification at Túcume, Peru.*

2018 Marley Denierio, Dept. of Anthropology, UCF. (**Chair**)

Project title: *Feeding the children: A Paleodietary Reconstruction of Juveniles from Kuelap*.

* **Order of Pegasus** **(Undergraduate)**

2014 Vu Tran, HIM Undergraduate Thesis, Dept. of Anthropology, UCF. (**Chair)**.

Project title: *Determining the Minimum Number of Individuals and Significance of the Kuelap Ossuary, Chachapoyas, Peru.* **Order of Pegasus (Undergraduate)**

* **McNair Scholars Program** (2012-2014), Department of Anthropology, University of Central Florida (Mentor).
* **Diane and Lawrence Wink Science Scholarship**, College of Sciences ($1,000) 2013
* **President’s Award**, UCF Alumni Association Scholarship ($1,000) 2013
* Invited to *Day at the Capital (2014)*, Florida Capitol Rotunda, Tallahassee, FL.

2013 Armando Anzellini, HIM Undergraduate Thesis, Dept. of Anthropology, UCF. (**Chair**).

Project title: *Investigating Patterns of Interpersonal Violence Using Frequency Distributions of Cranial Vault Trauma*

* **Honors in the Major Grant for Undergraduate Thesis Research** ($1000)

### *Undergraduate Research Honors in the Major (HIM) Mentor – IN PROGRESS (n=1)*

2021 Lissette Osorio, Dept. of Anthropology. (**Chair**).

### *Undergraduate Research Honors in the Major Committee Member – COMPLETED (n=8)*

2018 Melanie St. Pierre, Dept. of Anthropology.

2018 Erin Martin, Dept. of Anthropology.

2018 Austin Stanley, Dept. of Anthropology.

2018 Kristyna Ceurinck, Dept. of Anthropology.

2016 Jaqueline Devaney, Dept. of Anthropology.

2016 Erika Martinez, Dept. of Political Science.

2015 Serenela Pelier, Dept. of Anthropology.

2013 Alexandra Minnick, Dept. of Sociology.

### *Undergraduate Research Honors in the Major Committee Member –IN PROGRESS (n=0)*

### *Undergraduate Research Undergraduate Research – Completed*

2018 Bryan Lopez Biomedical Sciences, December 2018 (**Research Mentor**)

2018 Bianca Mercado LEADS Program, Spring 2017 (**Research Mentor**)

2018 Vivian Pham EXCEL Program in Science, Technology, Engineering and Math.

Since Spring 2016 (**Research Mentor**)

2017 Denise Dorra EXCEL Program in Science, Technology, Engineering and Math. (**Research Mentor**)

2016 Caitlyn Sawyer Research Excellence. (**Research Mentor**)

## STudent Supervision in RESEARCH

## *STUDENT SUPERVISION in Archaeological RESEARCH and FIELDWORK*

2019 **Director, Osteological Laboratory**. *Proyecto Bioarqueológico de Túcume* (June)

 Graduate research assistants:

 **Megan Phillips, Dylan Smith, Erin Martin, Vanessa Cruz**, UCF.

 **Stefani Wai,** MacMaster University, Canada.

2018 **Director, Osteological Laboratory**. *Proyecto Bioarqueológico de Túcume* (June)

 Undergraduate research assistants:

 **Dylan Smith**, **Erin Martin**, and **Marley Denierio,** UCF

2017 Director, Osteological Laboratory. Various Projects in Peru – Huacas de Moche (June) (Trujillo), Museo de Túcume (Túcume), and Kuelap, (Chachapoyas).

 Graduate research assistant:

 **Samantha Michell**, MA student - UCF

 **Christopher Schow**, MD student - UCF

 Undergraduate research assistant:

 **Trace Meshberg**, UCF

2016 **Director, Field Excavation and Osteology Laboratory.** *Proyecto de Investigación de Contextos Funerarios de La Petaca, Amazonas, Peru.* Resolución Directoral No 237-2016-DGPC-VMPCIC-MC (May – June) – Peru

Graduate research assistant:

**Ani St Amand**, MA student, University of Maine

**Karin Ruscan Velayarce** and **Leyla** **Jrigoin Silva**, undergraduate, Universidad Nacional Toribio Rodriquez de Mendoza, Chachapoyas

2015 **Director, Museum Investigation.** *Proyecto Bioarqueológico de Chachapoyas – Perú: Análisis y selección de muestras óseas de diversos sitios arqueológicos del departamento de Amazonas.* Resolución Directoral N° 005-2015--DGM-VMPCIC/MC. (May – July) - Peru

Graduate training and supervision:

**Armando** **Anzellini** and **Vu Tran** – UCF

 **Nathan Esplin** – MD student, UCF

Undergraduate training and supervision:

**Rick Potts** – undergraduate student, UNLV

2014 **Director, Museum Investigation.** *Proyecto Bioarqueológico de Túcume, Peru* (May – July)

Graduate training and supervision:

 **Taylor Remley** and **Wesley Garrett** – UCF

 Undergraduate training and supervision:

**Paige Douglas** – UCF

2013 **Director, Field Excavation and Osteology Laboratory.** *Proyecto de Prospección i Investigación de Contextos Mortuorios del Sitio Arqueológico de La Petaca, Amazonas, Peru.* Resolución Directoral No 282-2013-DGPC-VMPCIC-MC (May – June) - Peru

 Graduate training and supervision:

**Lori Epstein** – UCF

 Undergraduate training and supervision:

**Armando Anzellini** – UCF

 Research funding: $23,000 (UCF start-up, UCF In-House, Petzl Foundation, and MonVertical (equipment donation))

2005 **Co-Director Field Excavation and Director Osteology Laboratory** – Archaeological Project of Investigation, Conservation and Valorization of Túcume, Perú (May – Dec)

 Undergraduate training and Supervision:

**Sarah Baitzel -** UCSB

**Elvis Mondragon** - Pontifica Universidad Católica de Perú, Lima

## *Student Supervision in Laboratory research*

2012 to Present **Co-Director,** UCF Laboratory for Bioarchaeological Sciences,

Lab Assistants: 21 undergraduate and 13 graduate students

 visiting graduate; n = 1 (Tulane University)

visiting undergraduate; n = 1 (SUNY New Paltz)

2010 **Undergraduate Supervisor**, Laboratory for Stable Isotope Science, UWO (Jan – May)

2009 **Graduate Supervisor**, Laboratory for Stable Isotope Science, UWO (May – Nov)

2008 **Director**, Osteological analysis of skeletal remains from Kuelap and Supervision of Graduate Students and Volunteers, Kuelap Archaeological Project, Peru (June – Aug)

**Alejandra Ortiz** – Pontifica Universidad Católica de Perú, Lima

**Natalia Guzman** – Pontifica Universidad Católica de Perú, Lima

2005 **Director**, Osteological analysis of skeletal remains and supervision of Undergraduate Students and Volunteers, Túcume Archaeological Project Peru (June – August)

### Invited Educational Positions

2015 *Visiting Professor* at the Universidad Nacional Toribio Rodríguez de Mendoza de Amazonas, Chachapoyas, Perú.

* Newly developed archaeology degree, proposed introduction of teaching workshops, laboratory based classes, and student fieldwork opportunities.
* Lead workshops and seminars in bioarchaeological topics.

2015 *Mentor*, at Colegio de Alta Rendimiento, Chachapoyas, Peru.

* Federally funded high school with selected enrollment of students from throughout the region for specialized educational program.

## SERVICE ACTIVITIES

## SERVICE TO THE UNIVERSITY

**UNIVERSITY:**

2020-2022 Member, Faculty Senate (COS At-Large representative, Graduate Curriculum)

2020, 2021 Member, Florida-Canada Linkage Institute review committee

2019-2021 Member, Faculty Senate, Ad Hoc Committee on Study Abroad

**COLLEGE of SCIENCES:**

2019 to 2020 Member, Research Incentive Award

2017 to 2018 Member, Graduate Curriculum Committee

2013 to 2017 Member, Dean’s Advisory Committee

2012 to 2017 Member, Recognition and Scholarship Committee

2013 to 2014 Member, Research Committee

**DEPARTMENT:**

2021 to present Chair, Ad hoc Working with Graduate Students: Laboratory and Field Research Committee

2020 to present Chair, Colloquium Committee

2019 to present Member, MA Curriculum Committee

2017 to present Member, Department Promotion and Tenure Committee

2020 Chair, Department Promotion and Tenure Committee

2019-2020 Co-Chair, Biological Anthropology Hire Committee (2 positions)

2018 to 2021 Member, Doctoral Program Committee

2017 to 2020 Member, Colloquium Committee

2014 to 2015 Member, Biological Anthropology Hiring Committee

2014 to 2015 Member, Instructor/Lecturer Promotion Committee

2012 Chair, Instructor/Lecturer Promotion Committee

2011 to 2015 Member, Anthropology Undergraduate Curriculum Committee

2011 to 2018 Member, Anthropology Graduate Curriculum Committee

**OTHER:**

2013 to 2018 Facilitator, Anthropology Graduate Writing Workshop

**Faculty Mentor to UCF Student Organization**

2015-2018 IChange Peru, local chapter (<http://ichangeperu.org/>)

## SERVICE TO PROFESSION

### PROFESSIONAL SERVICE

2016-2018 President, Central Florida Chapter of the Archaeological Institute of America

2013-2016 Public Relations Officer, Central Florida Chapter of the Archaeological Institute of America

2009 Volunteer at the Annual Meeting of Society for American Archaeology

2007 Adjudicator for Student Presentations at Paleopathology Association Meetings

2005 Local Arrangements for the American Academy of Forensic Sciences Annual Meeting, New Orleans

2005 Adjudicator for Student Presentations at Paleopathology Association Meetings

2004 Student Volunteer Paleopathology Association Annual Meeting Association

2001 Student Coordinator of the Annual Northeastern Andean and Amazonian Archaeology and Ethnohistory Conference

### PROFESSIONAL DEVELOPMENT WORKSHOPS

2019 Paleoradiology workshop, Zagreb, Croatia (**participant**)

2019 PDS Velebit Spelunking School, Zagreb, Croatia (**participant**)

2012 Osteoware. Presented by Chris Dudar, Smithsonian, at the 39th Annual Meetings of the Paleopathology Association, Portland, OR. (**participant**)

2011 Trepanation in Ancient Peru (Trepanaciones en el Perú Antiguo). Presented by John W. Verano, Tulane University, at the 4th annual PAMINSA, Lima, Peru. (**participant**)

2011 Analysis and Interpretation of Trauma (Análisis e interpretaciones de traumatismos). Presented by Dr. Juan Pablo Baraybar. PAMINSA, Lima, Peru. (**participant**)

## Evaluation of Manuscripts, Book CHAPTERS, and Grant Proposals:

Editorial Board:

2020-2023 American Journal of Physical Anthropology

Reviewer for:

2021 Journal of Biological Anthropology (research article)

2020 Rust Family Foundation (research grant), Journal of Anatomy, International Journal of Osteoarchaeology, American Journal of Physical Anthropology (2 research articles), International Journal of Paleopathology, Archaeological and Anthropological Sciences, Journal of Anthropological Archaeology

2019 Rust Family Foundation (research grant), Quaternary International (research article), International Journal of Osteoarchaeology, PLOSone

2018 National Science Foundation (archaeology research grant), PNAS (research article, International Journal of Paleopathology, PLOSone (2 research articles)

2017 Quaternary Science (research article), World Art (research article), International Journal of Paleopathology (research article), Bioarchaeology International (research article), National Geographic (research grant)

2016 International Journal of Osteoarchaeology (research article), American Journal of Physical Anthropology (research article), Bulletin de l’Institut Francais d’Etudes Andines (research article in Spanish), Mankind Quarterly (research article), National Geographic (research grant)

2015 National Science Foundation (archaeology research grant), International Journal of Paleopathology (research article), International Journal of Osteoarchaeology (research article), HOMO (research article), Springer Press (chapter in edited volume)

2014 American Journal of Physical Anthropology (2 research articles)

2013 NSF (biological anthropology research grant), American Journal of Physical Anthropology (research article), International Journal of Paleopathology (research article), Ñawpa Pacha (research article)

2012 American Journal of Physical Anthropology (research article), International Journal of Osteoarchaeology (research article), Cambridge Archaeological Journal (research article), Ethnohistory Journal (research article)

Previous reviews for: Latin American Antiquity (2008 research article);

International Journal of Osteoarchaeology (2010 research article and 2004 research article)

### Invited public lectures – National and International

2021 *Nuevos conocimientos bioarqueológicos de la dieta de los habitantes antiguos de Kuelap, Chachapoyas, por los isótopos estables*. XXVIII Congreso Nacional de Estudiantes de Arqueología-Chachapoyas 2021. Centro de Estudiantes de Arqueología de Amazonas (CEAR-A) Universidad Nacional Toribio Rodriguez de Mendoza, Chachapoyas, Peru. (Virtual in Spanish).

2019 *La historia a traves de los hueso: 18 Años de investigaciones en Túcume*. Museo de Túcume, Peru.

2019 *Bioarchaeology of ancient activities: A Peruvian example*. University of Warsaw, Poland.

2019 *Of Cords and Condors: Vertical Archaeology in the Mountains of Northern Peru*. University of Warsaw, Poland.

2019 *Sacrificial Life and Death in the Ancient Andes of Peru*. University of West Bohemia,Plzeń, Czech Republic.

2019 *Times of great sacrifice: Life and Death in the Ancient Andes of Peru*. Archaeological Society of the University of Ireland- Galway, Ireland.

2019 *Sacrificial Life and Death in the Ancient Andes of Peru*. Eötvös Loránd University, Budapest, Hungary.

2019 *Tombs with a View: Bioarchaeology in the Northern mountains of Peru.* University of Zadar, Croatia.

2019 *Ritual Violence in the Ancient Andes of Peru* University of Zadar, Croatia.

2019 Investigating life in the past: Preliminary stable isotope analysis from the Iron Age at Nadin, Croatia. University of Zadar, Croatia.

2019 *Sacrificial Life and Death in the Ancient Andes of Peru*. Archaeological Museum of Zagreb, Croatia.

2018 *When the Inca came to town: A bioarchaeological analysis of imperial conquest at Kuelap, Chachapoyas using osteological and stable isotope indicators*. Max Planck Institute for the Science of Human History, Jena, Germany.

2018 *Of Cords and Condors: Vertical Archaeology in the Mountains of Northern Peru*. SpeleoVelebit, Zagreb, Croatia.

2018 *La vida y la muerte sacrificada en los andes antiguos de Perú*. Presented at the Museo de Colón, Las Palmas Gran Canary, hosted by the Museo de Gran Canarias.

2017 *El menú en las montañas: explorando la dieta precolombina de los antiguos Chachapoya utilizando un análisis de isótopos estables en Kuelap, Perú*. Presented in a Magisterial Conference at the Universidad Nacional Toribio Rodriguez de Mendoza, Chachapoyas, Peru. (In Spanish).

2017 *El menú de los Moche: explorando la dieta precolombina utilizando un análisis de isótopos estables en Huacas de Moche, Perú*. Presented at the Universidad Nacional Trujillo, Trujillo, Peru. (In Spanish).

2016 *Visión desde las tumbas: Nuevos conocimientos de patrones funerarias de La Petaca*. Presented at the Dirección Desconcentrada de Cultura – Chachapoyas, Amazonas (In Spanish).

2016 *Nuevos conocimientos de patrones mortuorios de los antiguos Chachapoya en sitios arqueólogos por La Joya, Leymebamba*. Presented to the Leymebamba community, Amazonas (In Spanish).

2014 *Using vertical archaeology to explore prehispanic cliff tombs in Chachapoyas, Peru.* Presented at the University of Florida Anthropology Department, Gainesville, FL.

2013 *Tombs with a view: Using vertical archaeology to explore prehispanic cliff tombs in Chachapoyas, Peru*. Presented at the Annual International Archaeology Day organized by the University of Miami, FL.

2013 *Ukhupacha y Hananpacha: Una exploración de la arqueologia vertical en el sitio La Petaca, Amazonas*. Dirección Desconcentrada de Cultura – Chachapoyas, Amazonas (In Spanish).

2011 [*Los huesos que me habla: Una introducción a la bio-antropología de los restos humanos de Kuelap - Amazonas*](http://www.academia.edu/1683350/Los_huesos_que_me_habla_Una_introduccion_a_la_bioantropologia_de_los_restos_humanos_de_Kuelap_-_Amazonas). Instituto de Cultura, Chachapoyas, Amazonas, Perú. (In Spanish)

2008 *Hearts and heads: Prehispanic ritual violence in Peru*. Wayne State University, Department of Anthropology, Detroit, MI.

2005 *Huellas del pasado – Evidencia de actividades prehispánicas observada en los restos humanos*. Museo Nacional de Antropología, Arqueología e Historia de Perú, Lima, Perú. (in Spanish)

### Invited public lectures – Local

2020 *Massacre in the mountains: Bioarchaeological investigations at Kuelap, Peru.* L.I.F.E. at UCF.

2020 *Massacre in the mountains: Bioarchaeological investigations at Kuelap, Peru.* Science Café, University of Central Florida.

2020 *Boys, bodies, and battles: An exploration of social and ritual violence in the Andean past.* L.I.F.E. guest speaker, University of Central Florida.

2018 *Where condors reign. Bioarchaeological investigations in Chachapoyas, Peru*. L.I.F.E. guest speaker, University of Central Florida.

2018 *Where condors reign: Vertical archaeology and conservation in the mountains of Peru*. University of Central Florida, College of Sciences, Distinguished Speaker Series.

2016 *Where condors reign. Bioarchaeological investigations in Chachapoyas, Peru and the complexities of working in mountainous environments.* Presented Graduate Anthropology Association at UCF Brown Bag series.

2015 *Ancient trepanation (cranial vault surgery) in Peru*. Presented as part of the UCF Anthropology Speaker Series at the Orlando Science Center, Orlando, FL.

2013 *They were sacrificing times: Ritual violence on the northern coast of Peru*. Orlando Museum of Art “Uncovering the Secrets of the Ancient America” colloquium series, Orlando, FL.

2013 *Filling in the holes in the head: Ancient trepanation among pre-Inca Chachapoya from Peru*. Polk State Archaeology Club, Winter Haven, FL.

2010 *Isotopic dietary reconstruction of Moche human sacrifices from Huaca de la Luna, Peru.* Laboratory for Stable Isotope Science (LSIS) Research group, Dept of Earth Sciences, UWO, London, ON.

2009 *Victims of violence: Forensic profiles of mass death assemblages in prehispanic Peru*. The University of Western Ontario – London, ON.

2009 *They offered their hearts and their heads: Prehispanic ritual violence in Peru.* Ontario Archaeological Society, London Chapter, London, ON.

2007 *They offered their hearts and their heads: Ritual human sacrifice at the Temple of the Sacred Stone, Túcume, Peru.* Tulane Anthropology Student Association. New Orleans.

2005 *Incas and their mummies*. MacComb Public School, Grade 2 Class, Rochester Hills,MI.

2005 *Incas and their mummies*. St. Alexander Public School, Grade 5 Class, Windsor, ON.

## COMMUNITY SERVICE

2015-2019 “**Archaeology for Autism**” activity day, Merritt Island, Florida

2016 **UCF “Knights Give Back”** volunteer at Greenwood Cemetery clean up

2014 **Crimeline’s “ZooDunIt” Fundraiser**, Central Florida Zoo, Sanford, Florida

2012 **UCF “Knights Give Back”** volunteer at Greenwood Cemetery clean up

2009-present Occasional Volunteer at St. Mary’s Ukrainian Church, community food preparation and baking events, Sault Ste. Marie, Ontario.

### FORENSIC WORK

* Oct. 2016 – Assisted Dr. John Schultz, laboratory-based osteological analysis.
* Oct. 23rd, 2010 – Participated with Dr. Michael Spence and Chatham-Kent PD, Ontario: Forensic Mapping and Recovery of human remains
* July 10th, 2010 – Participated with Dr. Michael Spence and London PD, Ontario: Forensic mapping and recovery of human remains
* June 7th, 2010 – Participated with Dr. Michael Spence and University Hospital, London, Ontario: Forensic recovery and analysis of human remains
* January 2004 – Assisted Dr. John Verano in excavation and recovery of human skeletal remains, New Orleans, LA
* December 2001 - Assisted Dr. Michael Spence in laboratory analysis of human skeletal remains, London, Ontario
* November 2001 - Assisted Dr. Michael Spence in on site identification and assessment of human skeletal remains, London, Ontario

## Educational Media OUTREACH (<http://www.imdb.com/name/nm2549706/> )

2021 **Contributor -** Archaeology Magazine, March 2021.

2018 **Guest Host** – Tournez Si Vous Plais “Chachapoyas among the Clouds”, to air in January.

2008 **Host** – FarWest Films for **National Geographic Television Inc.** Explorer Series “*Peru’s Mass Grave Mystery”*, aired March 24th, 2009

2007 **Guest Host** – GRB Entertainment Productions for **Discovery Channel** – “*Bone Detectives”* series: Episode “Celebrations of Death”, aired Feb 4th, 2008

2005 **Host – BBC**, London, documentary film production of *LOST WORLDS* series*: “Pyramids of Túcume*”, aired Sept 9th, 2006

2003 **Guest Host -** Engel Bros. Media Inc. production for **National Geographic** **Television Inc**. documentary film special “*Massacre at Punta Lobos, Peru*”, aired March 2004

2002 **Project Fixer/On site Consultant -** Engel Brothers Media, Inc., production for **National Geographic** **Television Inc**. documentary film series “*The Mummy Road Show*”

Episode “Downtown Mummies”, aired 2002

Episode “House of Bundles”, aired 2002

2001- 2003 **Guest Host** - Engel Bros. Media Inc. production for **National Geographic** **Television Inc**. documentary film series “*The Mummy Road Show*”

 Episode “Pirate Island”, aired December 17th, 2003

Episode “An Egyptian Souvenir”, aired September 9th, 2001

Episode “The Inka Unwrapped”, aired December 14th, 2001

## MEDIA CONSIDERATION OF RESEARCH

2016 Featured in “**El Chilalo**: Boletín Electrónico del Museo de Sitio Túcume” (monthly) brief report on my continued work at the archaeological site with skeletal collections.

2016  **UCF COS News blogspot:** <https://news.cos.ucf.edu/vertical-archaeology-explores-tomb-secrets/>

2015 **UCF COS PURSUIT Annual Report**. Highlight Anthropology: vertical archaeology research in Peru. (Selected to represent research in Department of Anthropology)

2015 **Florida Trends Magazine**. Promotional UCF advertisement using Vertical Archaeology.

2015 **World Archaeology Magazine.** Report highlighting publication on tibial trepanation.

2014 **UCF Pegasus Magazine**. Article featuring research in Vertical Archaeology (Summer).

2013 **National Geographic Daily News report**. “New Clues about Human Sacrifice at Ancient Peruvian Temple” (Nov 19th), reviewing publication on Moche stable isotope research.

2013 Featured event “They were Sacrificing Times” in **Orlando Sentinel** (Sept 5th).

2013 Photo featured in “**Central Florida Future**” article “Knights’ art put on display” in a report on public presentation at the Orlando Museum of Art (Sept 5th).

2012 Featured in “**El Chilalo**: Boletín Electrónico del Museo de Sitio Túcume” (monthly) brief report on my continued work at the archaeological site with skeletal collections.

### PROFESSIONAL ASSOCIATION MEMBERSHIPS

2012 to present Archaeological Institute of America (AIA)

2007 to present Society for American Archaeology (SAA)

2005 American Academy of Forensic Sciences (AAFS)

2004 to 2006 American Anthropological Association (AAA)

2003 to present Paleopathology Association (PA)

2001 to present American Association of Physical Anthropologists (AAPA)

2000 to 2012 Canadian Association for Physical Anthropology (CAPA)

1998 to present Andean and Amazonian Archaeology and Ethnohistory Association

1996-1999, 2009-2011 Ontario Archaeological Society (OAS)

## Language Competency

* Written, oral and reading fluency in Spanish
* Oral and reading comprehension of French
1. “Peer Reviewed” refers to books, journal articles, and book chapters that have been anonymously reviewed by a minimum of two external referees. [↑](#footnote-ref-1)