

J. Marla Toyne, PhD

Curriculum Vita

May 2025

Current Position: Professor, Department of Anthropology
University of Central Florida, Orlando, Florida

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ACADEMIC POSITIONS

August 2023 - present **Professor**, Department of Anthropology, University of Central Florida

Aug 2017 - 2023 **Associate Professor**, Department of Anthropology, University of Central Florida

Aug 2011 - 2017 **Assistant Professor**, Department of Anthropology, University of Central Florida

Sept 2009 - May 2010 **Adjunct Instructor**, Department of Anthropology, The University of Western Ontario, London, Ontario

Sept 2008 - May 2013 **Post-Doctoral Fellow and Research Associate**, The Laboratory for Stable 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

2008 **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

FEATURES of CV:

Undergraduate student collaborations are indicated by *. Graduate student collaborations are indicated by **.

RESEARCH INTERESTS

Biological anthropology; bioarchaeology; osteology; skeletal trauma; paleopathology; mummified remains; stable isotope analysis; dietary and environmental reconstruction; population mobility; mortuary practices; mortuary archaeology; commingled remains; social conflict; ritual violence; and vertical archaeological methods, Andes

Countries: Peru, Ecuador, Belize, Guatemala, Canada, United States, Croatia, Hungary, Serbia, Northern Ireland

RESEARCH POSITIONS

Director, Archaeologist and Biological Anthropologist, *Chachapoya Bioarchaeology Project*, Peru (2012-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

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 (2001-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
- Long-term collaboration with local investigators and archaeologists
- Responsible for technical specialization – analysis of human skeletal remains from archaeological excavations

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

PROFESSIONAL TITLES

2009 Validated title of “License in Archaeology” granted by the Pontífica Universidad Católica de Perú, Lima

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

CERTIFICATIONS

2021 UCF Inclusion Champion Certification

HONORS AND AWARDS

Research

2025-2026 **UCF Competitive Sabbatical Award (Type IA)** – Competitive award to develop research in Andean Bioarchaeology.

- 2018-2019 **UCF Competitive Sabbatical Award (Type IA)** – Competitive award to develop research in Andean Bioarchaeology, with an affiliation as a Visiting Researcher at the Institute for Anthropological Research, Zagreb, Croatia.
- 2017 **COS Research Incentive Award (RIA)** Competitive, college-wide award recognizing “outstanding research...that advances the body of knowledge in a particular field.” (\$5000 on base salary)
- 2017 **UCF – Center for the Success of Women Faculty – Women of the Year Honoree**
- 2016 **UCF – Center for the Success of Women Faculty Distinguished Women Award – *Innovation in Research*** (\$1000)
- 2013 **International Archaeology Day Honorarium**, Archaeological Institute of America, University of Miami (\$125)
- 2011 **Dumbarton Oaks Institute Honorarium** (\$500)

Teaching Awards

Internal UCF Awards for Teaching Excellence

- 2017 **COS Excellence in Graduate Teaching Award**. Competitive, for recognition as the best graduate teacher at College of Sciences (\$2000)
- 2016 **COS Teaching Incentive Program (TIP)** Competitive, college-wide award recognizing excellence in teaching. (\$5000 on base salary)

Internal UCF Awards for Affordable Instructional Materials

- 2024 UCF Affordable Instructional Materials (AIM) High Initiative, Affordability Counts Awardee

RESEARCH GRANTS

EXTERNAL RESEARCH GRANTS AND CONTRACTS

Highlights:

- **At UCF: \$125,389**
 - 12 total external awards
 - Including National Science Foundation and National Geographic Society
 - Also foundation funding: Petzl Foundation, France and Rust Foundation, U.S.A.
 - Career-to-date Research Grants: Total \$220,760

Category I external grant, as defined in the Anthropology Department research evaluation criteria, includes all domestic or international federal agencies, foundations, or non-governmental organizations with a peer-reviewed application process received as PI or Co-PI.

- 2021- **National Science Foundation**. Collaborative Research Grant Archaeology. (UCF AWD00001158)
- 2025 *Collaborative Research: Adaptive Strategies Under Empire Transitions*. Co-PI Parker VanValkenburgh, Brown University.
 Category I
 Total Grant: \$173,805
 Co-PI: \$55,729 (32% credit)

- 2020 **Rust Family Foundation**. (UCF AWD0000417) *Vertical and virtual archaeology: Creating digital 3D models of the ancient cliff tombs of La Petaca and Diablo Wasi, Peru.*

- 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>
Category I
PI: \$4,688 (100% credit)
- (2020) **Petzl Foundation, France.** “*Vertical and virtual archaeology: creating digital 3D models of the ancient cliff tombs of La Petaca and Diablo Wasi, Peru.* (Competitive application)
 - This grant was funded, but not awarded due to administrative challenges. It is not counted toward external funding total.
Category I
PI: \$4,000 (100% credit)
- 2020 **Institute for Anthropological Research, Zagreb, Croatia.** Research Service Contract (UCF AWD00000512) *Stable isotope research collaboration, Croatia.*
PI: \$10,995 (100% credit)
- 2018 **University of SUNY-New Paltz, NY.** Research Service Contract *Stable isotope research at Nadin, Croatia.*
PI: \$1,000 (100% credit) Not run through OR.
- 2018 **Research Service Contract** (UCF RF00001228) from several sources.
Total: PI \$6,937 (100% credit)
 - **Tulane University, New Orleans, LA.** *Stable isotope research El Peru, Guatemala.*
PI: \$2,140 (100% credit)
 - **Tulane University, New Orleans, LA.** *Stable isotope research at La Corona, Guatemala.*
PI: \$2,156 (100% credit)
 - **University of Zadar, Croatia.** *Stable isotope research at Nadin, Croatia.*
PI: \$2,641 (100% credit)
- 2017 **Rust Family Foundation.** (UCF RF0001181) *Exploring elite diet and migration among Pre-Columbian Chachapoya of the eastern Andean mountains of Peru.*
 - Final report online. <http://rfamfound1.org/proj48find.html>
Category I
PI: \$3,000 (100% credit)
- 2016 **National Geographic Committee for Research and Exploration Council Grant** (NGS-9887-16). (UCF Research ID: 1059168) *Mortuary landscape and social complexity among Pre-Columbian Chachapoya of the Eastern Andean mountains of Peru.*
Category I
PI: \$19,984 (100% credit)
- 2016 **Rust Family Foundation.** (UCF Research ID: 1060095) *Defining mortuary landscapes and social complexity among the ancient Chachapoya of Peru.*
Category I
PI: \$5,056 (100% credit)
- 2016 **Petzl Foundation, France.** (UCF Research ID: 1059379) “*Ukhupacha and Hanupacha: The Worlds Above and Below*” – *Using vertical techniques to explore Prehispanic Chachapoya mortuary archaeology in Peru: continued.* (Competitive application)
Category I
PI: \$10,000 (100% credit)

- 2013 **Petzl Foundation, France.** (UCF Research ID: 1055208) *“Ukhuypacha and Hanupacha: The Worlds Above and Below” – Using vertical techniques to explore Prehispanic Chachapoya mortuary archaeology in Peru.* (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>
Category I
PI: \$8,000 (100% credit)

INTERNAL RESEARCH GRANTS (COMPETITIVE)

Highlights:

- Total internal grants at UCF: **\$86,040**
- 2022 **COS Research Equipment Program.** College competitive initiative to provide matching funds for expensive research equipment. Freeze-dryer instrument
PI: \$7,250 (100% credit)
- 2022 **COS Research Equipment Program.** College competitive initiative to provide matching funds for expensive research equipment. Lab computer replacement.
PI: \$553 (100% credit)
- 2020 **MidCareer Refresh Program.** Faculty Excellence initiative to support associate professors continued momentum in research leading up to application for Full professor.
PI: \$63,591 (100% credit)
- 2019 **Seed Funding Task Force Recommendation on Equipment Funding.** Office of Research – Collaborative Shared Equipment with Anthropology, Chemistry, and Materials Sciences.
 Total award: \$22,987
Co-PI: 30% credit toward equipment
- 2013 **UCF University In-House Research Grant.** University of Central Florida, Funding to support research and fieldwork
PI: \$7,500 (100% credit)

TEACHING GRANTS AT UCF:

(TOTAL FUNDING \$18,046)

- 2017 **Quality Enhancement Program.** *“Anthropology 3D”* to develop online 3D teaching models for introduction courses. PI: John Starbuck, CoPIs: John Schultz, Brigitte Kovacevich, Michael Callaghan, Ed Gonzalez-Tennant.
CoPI: \$9,746 (no formal credit split)
- 2016 **Study Abroad Development Grant,** International Affairs and Global Strategies Program: *“Study Abroad in Peru: Bioarchaeology in Túcume, Peru”*, to development study abroad program in Peru for undergraduate students.
PI: \$3,000 (100% credit)
- 2016 **The Learning Institute for Elders (L.I.F.E.)** at University of Central Florida Inc. Competitive grant to purchase teaching casts for Biological Anthropology courses, Department of Anthropology. Co-PI John Schultz.
Co-PI: \$1,500 (no formal credit split)
- 2015 **The Learning Institute for Elders (L.I.F.E.)** at University of Central Florida Inc.

Competitive grant to purchase teaching casts for Biological Anthropology courses, Department of Anthropology. Co-PI John Schultz.

Co-PI: \$1,500 (no formal credit split)

- 2013 **The Learning Institute for Elders (L.I.F.E.)** at University of Central Florida Inc. Competitive grant to purchase teaching casts for Biological Anthropology courses, Department of Anthropology. Co-PI John Schultz and Sandra Wheeler.

Co-PI: \$2,300 (no formal credit split)

Internal UCF Teaching Grants

- 2024 Summer Faculty Development Institute, Faculty Center for Teaching and Learning, Classroom to Careers track, UCF. (\$500)

PUBLICATIONS

Category I Journal: a high-impact journal is defined in the Anthropology Department research evaluation criteria as ranked among the top 25 in any disciplinary area of Google Scholar, Scimago, ISI Web of Science, or ISI Web of Knowledge.

PEER-REVIEWED EDITED VOLUMES

- 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>
 - International distribution.
 - WorldCat database (as of Jan. 2022): 663 library collections and 33 countries

PEER-REVIEWED SPECIAL ISSUE JOURNAL EDITING

- 2020 **Toyne JM**, Klaus HD, Murphy MS. Co-Editors. Advances in Paleopathology in South America. *International Journal of Paleopathology*. Volume 29, Issue 1.
- International Distribution: Published United States.
 - Category I Journal

PEER-REVIEWED JOURNAL ARTICLES¹

(Total 25)

(** indicates graduate student; * indicates undergraduate)

- Accepted Ribera Torró E, Toyne JM, Del Águila R, Ribera Torró J, Galexner J, Anzellini A, Pans M. Extended Reality on Chachapoya Cliffside Necropolises: from Digital Documentation to Public Engagement. *Open Archaeology*.
- Accepted Koci M, Pavičić D, Dugonjić A, Carić M, Novak M, **Toyne, JM**. Evaluating the dietary behavior of a 6th–9th century Avar period community from Jagodnjak, Croatia using stable isotope analysis of bone collagen. *Bioarchaeology International*.

¹ “Peer Reviewed” refers to books, journal articles, and book chapters that have been anonymously reviewed by a minimum of two external referees.

3. 2023 Smith D**, Martin E**, Kaufman B*, Callaghan M, Cardona K**, Kovacevich B, **Toyne JM**. The bottom line: Exploring analytical methods for assessing preservation in archaeological bone using FTIR-ATR. *Journal of Archaeological Sciences: Reports*. 50: 104014.
4. 2022 Dewitte S, Buikstra JE, Goldstein L, Agarwal SC, Baker B, Bartelink E, Berger E, Bolhofner K, Boutin A, Brickley M, Buzon M, De la Cova C, Gowland R, Grauer A, Gregoricka L, Halcrow S, Hillson S, Kakaliouras A, Klaus HD, Knudson KJ, Knüsel C, Larsen CS, Martin DL, Novak M, Nystrom K, Prowse T, Robbins Schug G, Roberts C, Santos L, Stojanowski, Stone A, Skull K, Temple D, Torres C, **Toyne JM**, Tung TA, Ullinger J, Wiltschke K, Zarewski S. Twenty-first century bioarchaeology: Taking stock and moving forward. *Yearbook of Biological Anthropology*. 178(S74) 54-114 <http://dx.doi.org/10.1002/ajpa.24494>.
 - International Distribution: Published United States.
 - Category I Journal
 - Flagship Journal for the American Association of Biological Anthropologists
5. 2022 **Toyne JM**, Nystrom KC, Čelhar M. Liburian lunches: Stable isotope analysis from the Iron Age site of Nadin-Gradina, Croatia. *International Journal of Osteoarchaeology*, 32(1): 241-257. <https://doi.org/10.1002/oa.3059>
 - International Distribution: Published U.K.
 - Category I Journals
6. 2021 **Toyne JM**, Schow C**, Esplin N**. Beyond tuberculosis, other pathological spinal conditions in ancient Chachapoya mummified remains. (Special Issue: Proceedings of the Extraordinary World Mummy Congress) *Canarias Arqueológicas*, 22: 495-515. <http://doi.org/10.31939/canarq/2021.22.42>
 - International Distribution: Published Spain.
7. 2021 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*. 5(1):1-20. <https://doi.org/10.5744/bi.2021.1010>
 - International Distribution: Published United States.
8. 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>
 - International Distribution: Published United States.
 - Category I Journal
9. 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>
 - International Distribution: Published United States.
 - Category I Journal
10. 2020 Lord E, Collins C, deFrance S, LeFebvre M, Pigièrre F, Eeckhout P, Erauw C, Fitzpatrick S, Healy P, Martínez-Polanco M, García L, E. Ramos Roca E, Delgado M, Sánchez Urriago A, Peña León JA, **Toyne JM**, Dahlstedt A, Moore KM, Laguer Diaz C, Zori C, Matisoo-Smith E. Ancient DNA of guinea pigs (*Cavia* spp.) indicates a probable new domestication center and pathways of global distribution. *Scientific Reports*. 10:8901. <https://doi.org/10.1038/s41598-020-65784-6>
 - International Distribution: Published U.K.
 - Category I Journal
11. 2020 **Toyne JM**, Esplin N**, Buikstra JE. Examining variation in skeletal tuberculosis in a late pre-contact population from the eastern mountains of Peru. *International Journal of Paleopathology*. 30:22-34. <https://doi.org/10.1016/j.ijpp.2020.04.002>
 - International Distribution: Published United States.
 - Category I Journal

12. 2020 **Toyne JM**, Michell S**, Denierio M*, Narváez A. Examining pre-Hispanic human and animal isotopic variation at Kuelap in the eastern montane of Peru. *Quaternary International*. 548: 57-70. <https://doi.org/10.1016/j.quaint.2020.03.046>
 - International Distribution: Published U.K.
 - Category I Journal
13. 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.
 - International Distribution: Published Czech Republic.
 - Category I Journal
14. 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. <https://doi.org/10.1002/ajpa.23977>
 - International Distribution: Published United States.
 - Category I Journal
 - Flagship Journal for the American Association of Biological Anthropologists
15. 2019 Martin E*, Schultz JJ, **Toyne JM**. Trends in grave marker attributes in Greenwood Cemetery: Orlando, Florida. *Florida Anthropologist*. 72:3:159-177.
 - National Distribution: Published United States.
16. 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. <https://doi.org/10.1002/oa.2810>
 - International Distribution: Published U.K.
 - Category I Journal
17. 2018 **Toyne JM**, Anzellini A**, Epstein LE**, Mejías I, Puig J, Guinot S. Going vertical: Using vertical progression techniques to explore a cliff necropolis in late Precolumbian Chachapoyas, Peru. *Advances in Archaeological Practice*. 6:4:298-311. <https://doi.org/10.1017/aap.2018.31>
 - International Distribution: Published United States.
 - Category I Journal
18. 2017 **Toyne JM**, Church WB, Coronado L, Morales Gamarra R. Exploring imperial expansion using an isotopic analysis of paleodietary and paleomobility indicators in Chachapoyas, Peru. *American Journal of Physical Anthropology*. 162:1:51-72. [doi:10.1002/ajpa.23085](https://doi.org/10.1002/ajpa.23085)
 - International Distribution: Published United States.
 - Category I Journal
 - Flagship Journal for the American Association of Biological Anthropologists
19. 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.
 - International Distribution: Published Peru.
 - University Press – Pontífica Universidad Católica de Peru (Spanish language)
20. 2017 **Toyne JM**, Anzellini A**. Variabilidad mortuoria y cronología de las tumbas de La Petaca, Chachapoyas. *Boletín de Arqueología PUCP*, Lima. 23:231-257.
 - International Distribution: Published Peru.
 - University Press – Pontífica Universidad Católica de Peru (Spanish language)

21. 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](https://doi.org/10.1016/j.ijpp.2015.08.003)
 - International Distribution: Published United States.
 - Category I Journal
22. 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](https://doi.org/10.5840/jrv20155217)
 - International Distribution: Published United States.
23. 2015 **Toyne JM.** Tibial surgery in ancient Peru. *International Journal of Paleopathology*. 8:29-35. [doi:10.1016/j.ijpp.2014.09.002](https://doi.org/10.1016/j.ijpp.2014.09.002)
 - International Distribution: Published United States.
 - Category I Journal
24. 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>
 - International Distribution: Published United States.
 - Category I Journal
25. 2011 **Toyne JM.** Interpretations of pre-Hispanic ritual violence at Túcume, from cut mark analysis. *Latin American Antiquity*. 22(4): 505-523. <https://doi.org/10.7183/1045-6635.22.4.505>
 - International Distribution: Published United States.
 - Category I Journal

PEER-REVIEWED BOOK CHAPTERS

(Total: 14 and 1 *in press*)

(** indicates graduate student)

1. In press **Toyne JM, Carić M, Rimpf A, Barkmeier J, Novak M.** Multi-tissue interpretations of paleodietary and paleomobility at Šarengrad, Croatia. In: Bedić Z (editor). *Eating and drinking along ancient roads and rivers: Study opportunities, archaeological sources and open issues about diet habits*. Archaeopress Press.
2. 2024 Narvaez Vargas, LA, Delgado Elías B, **Toyne JM.** Hallazgo de los sacrificios humanos y de camélidos. In: Narváez LA, Delgado B, editors. *Templo de la Piedra Sagrada: rito y sacrificio durante los tiempos*. Túcume: Ediciones Museo de Túcume. p131-226.
 - National distribution. Published: Peru.
 - In Spanish language
3. 2024 **Toyne JM.** La vida y la muerte en honor al Templo de la Piedra Sagrada. In: Narváez LA, Delgado B, editors. *Templo de la Piedra Sagrada: rito y sacrificio durante los tiempos*. Túcume: Ediciones Museo de Túcume. p227-250.
 - National distribution. Published: Peru.
 - In Spanish language
4. 2024 **Toyne JM.** Los restos humanos de Revash. In: Alfredo Narváez Vargas, editor. *Revash*. Chachapoyas. p. 102-117.
 - National distribution. Published: Peru.
 - In Spanish language.
5. 2021 **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. p 513-548. (https://www.zerobooksonline.com/en/danse-macabre-olum-ve-olum-uygulamalari_29_69582.html?r=10)

- International distribution. Published: Turkey.
 - In Turkish language.
 - Turkish Academic Press
6. 2019 **Toyne JM**, Anzellini A**. Warriors of the clouds, tombs in the sky: Ancient Chachapoya burial practices. In: Büyükkarak, Ali Metin, Basak Aksoy, Elit, editors. *Memento Mori: Ölüm ve Ölüm Uygulamalari*. Ankara: Hacettepe University. (In Turkish). p 453-485.
 - International distribution. Published: Turkey.
 - In Turkish language.
 - Turkish Academic Press
 7. 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.
 - National distribution. Published: Trinidad and Tobago.
 - University Academic Press
 - WorldCat database: 43 libraries in 7 countries.
 8. 2018 **Toyne JM**. Only the men will do. Exploring gendered violence in an Andean mass death assemblage. In: Anderson C, Martin D. editors. *Massacres: Bioarchaeological and forensic anthropology approaches*. Gainesville: University Press of Florida. p 37-59.
 - International distribution. University Academic Press
 - WorldCat database: 659 libraries in 32 countries.
 9. 2018 **Toyne JM**. A childhood of violence: A bioarchaeological comparison of mass death assemblages from ancient Peru. In: Beauchesne P, Agarwal S, editors. *Children and childhood in bioarchaeology*. Gainesville: University Press of Florida. p 171-203.
 - International distribution. University Academic Press
 - WorldCat database: 667 libraries in 32 countries.
 10. 2016 **Toyne JM**. Life before death: A paleopathological approach to human sacrifice, paleodemography, and cultural identity 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 Press. p 215-234.
 - International distribution. University Academic Press
 - WorldCat database: 663 library collections and 33 countries.
 11. 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 Press. p 1-24.
 - International distribution. University Academic Press
 - WorldCat database: 663 library collections and 33 countries.
 12. 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.
 - International distribution.
 - WorldCat database: 162 libraries in 22 countries.

13. 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.
 - International distribution. University Academic Press
 - WorldCat database: 558 libraries in 30 countries.

14. 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. *Embattled bodies, embattled places: war in Pre-Columbian America*. Washington, D.C.; Dumbarton Oaks Research Library. p 345-368.
 - International distribution.
 - Premier Institute for Pre-Columbian Studies
 - WorldCat database: 226 libraries in 11 countries.

15. 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. *The Routledge handbook of the bioarchaeology of human conflict*. London, Routledge Press. p 371-388.
 - International distribution. Published: U.K.
 - WorldCat database: 210 libraries in 21 countries.

- 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)
 - National distribution. Published: Peru. In Spanish language.
 - Peruvian Academic Press
 - WorldCat database: 40 libraries in 7 countries.

- 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.
 - National distribution. Published: Peru. In Spanish language.
 - Peruvian Institutional Press
 - WorldCat database: 20 libraries in the United States and Germany.

UNDER REVIEW PEER-REVIEWED BOOK CHAPTERS

- Under review Anzellini A, **Toyne JM**, Ribera Torro E. *The Sum of their Parts: Excavation and Inventory of Isolated Commingled Remains Alongside Partially Articulated Individuals at Diablo Wasi, Peru*. In: Osterholtz A, editor. *Continuing Advances in Commingled Remains*. New York: Springer Press.
- 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**, Adams D, Carić M, Rimpf A, Novak M. Fuzzy interpretations of dietary isotopes: An exploration of stable isotope data from Late Avar Period Šarengard, Croatia, to explore the complexity of community identity. Manuscript in preparation for *American Journal of Biological Anthropology*.
- 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 Denierio M*, Tremblay K, **Toyne JM**. Feeding the children: An isotopic exploration of juvenile diet at Kuelap, Peru (AD 900-1535). Manuscript in preparation for *Childhood in the Past*.

EDITOR-REVIEWED PUBLICATIONS

Book Reviews

- 2021 **Toyne JM**. Bioarchaeologists speak out: Deep time perspectives on contemporary Issues. Jane E. Buikstra, editor. 2019. Springer, Cham, Switzerland. *American Antiquity*, 87(1):1-2. <https://doi.org/10.1017/aaq.2021.93>

Published Final Reports

- 2018 **Toyne JM**. Investigación bioarqueológica en Huacas de Moche: Análisis de contextos y selección de muestras óseas humanas. In S. Uceda C, R. Morales, & C. Rengifo Chunga (Eds.), *Investigaciones en la Huaca de la Luna 2016-2017*. Trujillo: Facultad de Ciencias Sociales de la Universidad Nacional de Trujillo y Patronato Huacas del Valle de Moche. p 293-312. (In Spanish)

Invited Special Exhibit Museum Contributions

- 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 prehispanicos: los Mochicas y sus vecinos*. Lima: Museo de Art de Lima – MALI, Lima, Peru. p 12-22. (In Spanish)
- 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.

Other Invited Venues

- 2023 (1999) **Toyne JM**. From Coca to cocaine: The development of traditional drug use to modern drug abuse. *University of Western Ontario Journal of Anthropology (Totem)*. 25(1):94-115. Republished as a commemorative special issue.
- 2020 **Toyne JM**. Od Perua do Hrvatske. Učeci tehnike kretanja po užadi za arheološka istraživanja lokaliteta na visini. *Velebiten* 45: 94-98. (Croatian language)
- 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. (In Spanish)

Pedagogical publications

- 2021 Denoyelles A, Knox C, Demonson C, Hathorne A, Miller A, O'Connor J, Singer S, Thiamwong L, **Toyne JM**. Online together: Faculty virtual writing club. *UCF Faculty Focus Newsletter*, 20(1): 14:15.
- 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.

NEWSLETTERS (editor-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.
- 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.

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.

CONFERENCE PRESENTATIONS (NATIONAL/INTERNATIONAL)

(** indicates graduate student; * indicates undergraduate)

Highlights:

Total Papers at UCF at international or national conferences: **84**

- 23 invited**
- 61 contributed**

Invited Symposium Papers

- 2025 Toyne JM. *Life and death at Purum Llacta de Maino*. Invited discussant. Panel presentation at the 90th Annual Meeting of the Society for American Archaeology, Denver, Colorado.
- 2024 **Toyne, JM**, Anzellini, A, Pans M, Ribera J, Ribera E. *Accessing the inaccessible: Late Intermediate Period Chachapoya collective mortuary practices at Diablo Wasi, Peru*. Poster presented at the 89th Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana.
- 2024 Anzellini, A, **Toyne JM**. *The sum of their parts: excavation and inventory of isolated commingled remains alongside partially articulated individuals at Diablo Wasi, Peru*. Poster presented at the 89th Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana.
- 2022 **Toyne JM**, Adams D, Rimpf A, Carić M, Novak M. *Dietary patterns can be “fuzzy”: An exploration of stable isotope data from Late Avar Period Šaregrad, Croatia, to explore the complexity of community identity*. Paper presented at the 87th Annual Meeting of the Society for American Archaeology, Chicago, Illinois.
- 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.
- 2019 **Toyne JM**. *Cut to black and white: cases of foot amputation at Túcume, Peru (12-15th C)*. Podium presentation at the Paleoradiology in Archaeology Congress, Zagreb, Croatia.
- 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.
- 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.

9. 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.
10. 2018 **Toyne JM**, Howie L. *Above and beyond: Introducing the contributions of Dr. Christine D. White*. Podium presentation at the 46th Annual Meeting of the Canadian Association for Physical Anthropology (CAPA/ACAP), London, Ontario, Canada.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. 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.
18. 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)
19. 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.
20. 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.
21. 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.
22. 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.
23. 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.

Contributed Conference Presentations

1. (2025) **Toyne JM** *Cranial trepanation nation: Regional patterns in cranial surgery in ancient Chachapoyas, Peru.* Paper presented at HOMINES, FUNERA, ASTRA Eight edition Funerary spaces and burials from Prehistory to the Middle Ages. Alba Iulia, Romania (May 12-14th, 2025).
2. 2025 Koci M, Novak M, **Toyne JM.** *Examining migration and dietary variation of a potentially seminomadic community (Jagodnjak) in Early Medieval Croatia by applying stable isotope analysis.* Paper presented at the 94th Annual Meeting of the American Association of Biological Anthropology, Baltimore, MD.
3. 2024 **Toyne, JM.** *La trepanación en los antiguos de Chachapoyas.* Podium presentation recorded for the IX Congreso Nacional de Arqueología de Peru (Edición Bicentennial), Lambayeque, Peru. (Nov 6-10th, 2024).
4. 2024 Anzellini A, **Toyne JM**, Ribera Torró E, Pans M, Ribera Torró J. *Using digital methods to document pre-Hispanic funerary contexts in difficult-to-access cliff tombs at Diablo Wasi, Peru.* Conference on Cultural Heritage and New Technologies (CHNT 29) Vienna, Austria (Nov 4-6th, 2024).
5. 2024 Ribera Torró E, **Toyne JM**, Anzellini A, Pans M, Ribera Torró J. *CHACHA XR: An immersive experience through Chachapoya archaeology based on spatial documentation.* Online paper presented at Conference on Cultural Heritage and New Technologies (CHNT 29) Vienna, Austria (Nov 4-6th, 2024)
6. 2024 VanValkenburgh P, Rojas Vega C, **Toyne JM**, Alaica A, Reilly S, Reátegui A, Perea Rios E. *Imperial transitions at Purun Llaqta del Maino (San Cristobal de Nimsot: Diet, health and daily life between ca.1200 and 1600(?) CE.* Podium presentation given at Northeast Conference for Andean Archaeology and Ethnohistory. Rochester, NY. (October 27th, 2024).
7. 2024 Tremblay K, **Toyne JM**, Novak M, Leleković T. *Preliminary osteological evidence for early life stress in Colonia Aelia Mursa's eastern necropolis.* Virtual podium presentation. 3rd Annual International Congress of Roman Bioarchaeology – Online (October 24-25th, 2024).
8. 2024 **Toyne JM**, Anzellini A. *Both partial and complete: Excavations and interpretations of taphonomically commingled mummified remains from Diablo Wasi, Peru.* European Archaeology Association, Rome, Italy (August 28-30th, 2024).
9. 2024 Djukic K, **Toyne, JM**, Carić M, Dugonjić A, Rapan Papeša A, Novak M. *Dietary transitions during the migration period in Central and Southeastern Europe: new data and preliminary interpretations.* European Archaeology Association, Rome, Italy (August 28-30th, 2024).
10. 2023 **Toyne JM**, Anzellini A, Pans M, Ribera J, Ribera E. *Chamber of Secrets: Late Intermediate Period Chachapoya collective mortuary practices at Diablo Wasi, Peru.* Southern Andean Scholarly Symposium (SASS). Atlanta, Georgia.
11. 2023 **Toyne JM**, Novak M, Carić M, Rimpf A. *The horse-men of Šarengrad: a bioarchaeological investigation of a Late Avar mortuary context from eastern Croatia.* IVth CONFERENCE OF THE TÖRÖK AURÉL ANTHROPOLOGICAL ASSOCIATION, Târgu Mures, Romania.

12. 2023 **Toyne JM**, Tresić Pavičić D, Dugonjić A, Novak M. *Using oxygen stable isotope analysis to explore mobility in Jagodnjak, Croatia, a Late Avar period cemetery*. Paper presented at the Croatian Archaeological Association (Hrvatskog Arheološkog Društva), Beli Manastir, Croatia.
13. 2023 **Toyne JM**, Ribera-Torro E. *The vertical necropolis of the Chachapoyas: Bioarchaeological investigations at Diablo Huasi, Peru (AD 900-1470)*. Paper presented at HOMINES, FUNERA, ASTRA Eight edition Funerary spaces and burials from Prehistory to the Middle Ages. Alba Iulia, Romania.
14. 2023 Nelson EA, Lankapalli AK, Spyrou MA, Childebayeva A, Vågane A, Guevara E, Yates J, **Toyne JM**, Johannes Krause J, Tung TA, Herbig A, Bos K. *Mycobacterium tuberculosis diversity across the pre-Hispanic Andes*. Paper presented at the 92nd Annual Meeting of the American Association of Biological Anthropology, Reno, Nevada.
15. 2023 Phillips M**, **Toyne JM**. *Extracting useful data in unideal contexts: Paleopathology of disturbed, incomplete, commingled human remains at Purun Llacta del Maino, northeast highland Peru*. Poster presented at the 50th Annual Paleopathology Association Meetings, Reno, Nevada.
16. 2023 Haynes H**, **Toyne JM**. *Exploring the mortuary landscape at Kuelap, Peru using Geographic Information Systems*. Poster presented at the 88th Annual Meeting of the Society for American Archaeology, Portland, Oregon.
17. 2023 Pytleski H**, Murphy E, **Toyne JM**. *Investigating mobility through oxygen stable isotopes from the medieval cemetery at Kilroot, County Antrim, Northern Ireland*. Poster presented at the 88th Annual Meeting of the Society for American Archaeology, Portland, Oregon.
18. 2022 Nelson E, **Toyne JM**, Guevara E, Herbig A, Krause J, Bos K. *Synergistic paleopathological analysis of Chachapoya mummified remains, northeastern Peru*. Paper presented at the 10th World Mummy Congress, Bolzano, Italy.
19. 2022 Novak M, Rimpf A, Rapan-Papeša A, Dizdar M, **Toyne JM**. *Late Avar period burial ground of Šarengrad-Klopare: (bio)archaeological and isotopic study*. Paper presented at the 28th European Archaeological Association meetings, Budapest, Hungary.
20. 2022 Koci M**, Tresić Pavičić D, Dugonjić A, Novak M, **Toyne JM**. *Understanding the dietary behavior of a 7th–9th century Avar community from Jagodnjak, Croatia using stable isotope of bone collagen*. Poster presented at the 91st Annual Meeting of the American Association of Physical Anthropologists, Denver, CO.
 - Published abstracts: *American Journal of Physical Anthropology* 174(S71):99.
21. 2022 Nelson EA, **Toyne JM**, Guevara E**, Herbig A, Krause J, Bos K. *And then there was tuberculosis: Insights from synergistic paleopathological analyses of Chachapoya mummified remains, northeastern Peru*. Poster presented at the 49th Annual Meeting of the Paleopathology Association, Denver, CO.
22. 2022 **Toyne JM**. *Characterizing Chachapoya dietary variability in the catastrophic death assemblage at Kuelap, Peru*. Podium presentation at the Institute for Andean Studies 62nd Annual meeting, virtual conference.
23. 2022 Smith DR**, **Toyne JM**, Villalta M, Delgado B. *Exploring dietary trajectories of social elites from a Late Horizon (1470–1532 CE) cemetery at Túcume Peru*. Podium presentation at the Institute for Andean Studies 62nd Annual meeting, virtual conference.
24. 2021 Kaufman B*, Smith DR**, Martin E**, **Toyne JM**. *Identifying unwanted transformations: the analytical chemistry of FTIR to improve stable isotope research in archaeology*. Podium presentation at the Integrative Anthropology Conference, University of Central Florida, Orlando.
25. 2021 Novak M, Koci M**, Tresić Pavičić D, Dugonjić A, **Toyne JM**. *Reconstructing dietary habits of an early medieval community from Jagodnjak, eastern Croatia: carbon and nitrogen stable isotope analysis of bone collagen*. Presentation

- at the “Eating and drinking along ancient roads and rivers: Study opportunities, archaeological sources and open issues about diet habits”, Institute of Archaeology, Zagreb, Croatia.
26. 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.
 27. 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.
 28. 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.
 29. 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.
 30. 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.
 31. 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.
 32. 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, Austin, TX.
 33. 2019 Woodworth** S, **Toyne, JM,** Čondić N, Nystrom KC. 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, Austin, TX.
 34. 2019 **Toyne JM,** Schow C**. *Deep in the marrow: A probable case of ancient leukemia in the South American Andes.* Podium presentation at the 1st Workshop for Ancient Rare Diseases, Berlin, Germany.
 35. 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.
 36. 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.
 37. 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.
 38. 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)
 39. 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)

40. 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.
41. 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.
42. 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.
43. 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.
44. 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.
45. 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.
46. 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.
47. 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.
48. 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.
49. 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.
50. 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.
51. 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.
52. 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.

53. 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.
54. 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.
55. 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.
56. 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.
57. 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.
58. 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.
59. 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
60. 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.
61. 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.
62. 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.

INVITED PROFESSIONAL WORKSHOP PARTICIPANT

- 2020 NSF sponsored Workshop on 21st Century Bioarchaeology, organized by Dr. Jane E. Buikstra and Dr. Sharon Dewitte, Arizona State University, Tempe, Arizona.
-included approximately 40 participants from academic institutions in the North America, the UK, Europe, New Zealand, and South Korea.

ACADEMIC MEETING SESSION ORGANIZER

- 2025 Vanvalkenburgh P and Toyne JM. Forum Moderators. *Imperial Transitions: Diet, Health, and Daily Life at Purun Llaqta del Maino, Peru, from the Late Intermediate to the Early Seventeenth Century AD*. Invited forum organized at the 90th Annual Meeting of the Society for American Archaeology, Sacramento, CA.
- 2023 **Toyne JM**, Serra M. Session Organizers. *Mixing and Matching: Advances in Paleopathology and Commingled Remains*. Organized symposium at the 50th Annual Meeting of the Paleopathology Association.

- 2019 **Toyne JM**. Session Organizer. *Danse Macabre: Dark Tourism and Archaeology*. Organized session at the Sense and Sustainability: International Conference for Archaeology and Tourism, Zagreb, Croatia.
- 2018 **Toyne JM**, Howie L. Session Organizers. *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 **Toyne JM**, Murphy MS, and Klaus HD. Session Organizers. *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 **Toyne JM**, Klaus HD. Session Organizers. *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

Highlights:

- **31 final research reports**
 - 30 in Spanish language
- These detailed technical reports for field and lab work are required for international collaborations and institutional reporting. Due to Covid-19 field work research was not possible in 2020-21.

Toyne JM

- 2024 *Informe de Resultados del Proyecto de Investigación Bioarqueológica de la colección de contextos funerarios, Provincia de Chachapoyas – Amazonas*. On file with the Ministerio de Cultura, Perú. (100 pages)
- 2024 *Informe de Resultados del Proyecto de Investigación Bioarqueológica de Kuélap 2024: Análisis de entierros humanos (Temporada 2023)*. On file with the Lic. José Bastante Abuhadba. (24 pages)
- 2024 *Informe Final del Proyecto de Investigación Bioarqueológica de La Petaca: Estudios de isótopos estables*. On file with the Ministerio de Cultura, Perú. Resolución Viceministerial N.º RVM No 237-2016 VMPCIC/MC 20.03.2017 (10 pages)
- 2024 *Informe Final del Proyecto de Investigación de la Colección del Proyecto de la Investigación Arqueológica Paisajes Arqueológicos de Chachapoyas (PACHa), Temporada 2023, Fase II, Estudio de Materiales de las temporadas 2019 y 2022*. Directora Carol Guissella Rojas Vega. On file with the Ministerio de Cultura, Peru. (6/49 pages)
- 2024 *Informe Final de Resultados de los Análisis de las Muestras de Carbón, Restos Óseos y dientes humanos, del Proyecto de la Investigación Arqueológica Paisajes Arqueológicos de Chachapoyas (PACHa), Cuenca del Río Utcubamba, Departamento de Amazonas. Fase II. Temporada I – Excavación en Purunllacta de Maino*. Directora Carol Guissella Rojas Vega. On file with the Ministerio de Cultura, Peru. (12 pages)
- 2023 *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 N°010-2024-DGPA-VMPCIC/MC. (150 pages)
- 2022 *Informe Final del Análisis de los Restos Humanos de Tucume (Huacas las Abejas)*. On file with Lic. Bernarda Delgado, director of the Túcume Site Museum, Túcume, Lambayeque. (32 pages)
- 2022 Preliminary Lab Report. *Stable isotope analysis of human remains from Croatia*. On file with Dr. Mario Novak, Institute for Anthropological Research, Zagreb. (15 pgs)

- 2019 *Informe Final del Análisis de los Restos Humanos de Tucume (Huacas las Abejas y el Cementerio Los Gavilanes)*. On file with Lic. Bernarda Delgado, director of the Tucume Site Museum, Tucume, Lambayeque. (62 pages)
- 2018 *Informe Final del Análisis de los Restos Humanos de Tucume (Huacas las Abejas y el Cementerio Los Gavilanes)*. On file with Lic. Bernarda Delgado, director of the Tucume Site Museum, Tucume, 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 del Análisis de los Restos Humanos de Tucume (Nueva Etapa de excavación 2016)*. On file with Lic. Bernarda Delgado, director of the Tucume Site Museum, Tucume, Lambayeque. (51 pages)
- 2017 *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 N°237-2016-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 N°05-2015-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 Tucume – Varios sectores*. On file with Bernarda Delgado, director of the Tucume Site Museum, Tucume, 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 N°282-2013-DGPC-VMPCIC/MC (160 pages)
- 2012 *Propuesta para Iniciar un Proyecto de Investigación Arqueológica en la Caverna de Piruro, Rodríguez 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 Tucume – Sector Cementerio Oeste*. On file with Bernarda Delgado, director of the Tucume Site Museum, Tucume, Lambayeque. (17 pgs)

- 2012 *Análisis Osteológico 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 Osteológico 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/Chinchi 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)

ARCHAEOLOGICAL FIELD RESEARCH AND EXPERIENCE

- 2023 **Field Director, Archaeological Investigation.** *Proyecto de Investigación Arqueológica de Contextos Funerarios del Sitio Arqueológico Diablo Wasi - Temporada 2023*. (Peruvian co-director: Raul Greenwich) Resolución Directoral N° 000325-2023-DCIA-MC (July-August) – Peru
Research Funding: \$9,688 (UCF, Rust Family Foundation)
- 2022 **Co-Director, Archaeological Investigation.** *Proyecto de Investigación Valle de Utcubamba, Distrito de Magdalena, Provincia de Chachapoyas – Amazonas, Peru*. (Peruvian co-director: Carol Rojas) Resolución Directoral N° 000197-2022 DCIA/MC. (June to August 2022)
Research Funding: \$55,729 (National Science Foundation)
- 2016 **Director, Archaeological Investigation.** *Proyecto de Investigación de Contextos Funerarios del Sitio Arqueológico La Petaca, Distrito de Leymebamba, Provincia de Chachapoyas – Amazonas, Peru*. (Peruvian co-director: Edwin Blas Carranzo) 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)
- 2013 **Director, Archaeological Investigation.** *Proyecto de Prospección e Investigación de Contextos Mortuorios de La Petaca, Amazonas, Peru*. (Peruvian co-director: Edwin Blas Carranzo) Resolución Directoral N° 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)

LABORATORY RESEARCH

- 2012 to Present **Director, UCF Laboratory for Bioarchaeological Sciences**
- archaeological human bone sample preparation for isotopic analysis and research training in research and supervision of graduates and undergraduates

- 2024 **Invited Specialist** (Human Osteology). *Proyecto de Investigación Arqueológica de Conservación y Puesto en Valor del Sitio Arqueológico Silic i El Imperio* (Peruvian directors: Lic. Rocio Diaz and Lic. Gabriel More). Chachapoyas, Peru.
- 2024 **Director/PI, Museum Investigation.** *Proyecto de Investigación bio-arqueológica de la colección de contextos funerarios, Provincia de Chachapoyas – Amazonas.* (Peruvian co-director: Lic. Edwin Blas Carranzo) Resolución Directoral No 000069-2024-DGM-VMPCIC/MC (June-July).
- 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, Osteological Laboratory Analysis.** *Proyecto de Prospección i Investigación de Contextos Mortuorios de La Petaca, Amazonas, Perú.* Resolución Directoral N° 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)
- 2008-2011 **Postdoctoral Research, Laboratory for Stable Isotope Science, UWO**

TEACHING ACTIVITIES

Highlights:

- 12 total undergraduate courses (6 new added to curriculum)
- 6 total graduate courses (2 new added to curriculum)
- 1 new Summer Study Abroad course added to curriculum

TEACHING AREAS

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

COURSES TAUGHT

University of Central Florida (2011-present)

(*represents a curriculum addition)

M – mixed mode; C – lab-based course, W – online

Undergraduate Courses:

- ANT2511H Human Species (Honors) (taught 5 times)
- *ANT3169M Life and Death in the Ancient Andes (taught 3 times)
- *ANT3524CM Introduction to Human Osteology (taught 1time)
- *ANT3955 Bioarchaeology in the Balkans Study Abroad (taught 2 times)
- ANT4184M/W Mortuary Archaeology (*Research Intensive Course*) (taught 2 times)

- *ANT4197M Anthropology of Death (taught 1 time)
- *ANT4406/M Pain and Suffering: The Anthropology of Violence (taught 5 times) (*Quality Blended Designation*)
- ANT4516/M Human Biological Diversity (taught 3 times)
- ANT4525C Human Osteology (taught 2 times) (split course with ANG5255C)
- ANT4586/CM Human Origins (mixed mode with lab) (taught 13 times)
- *ANT4932M/W Health and Healing in the Ancient World: An Anthro Perspective (taught 3 times)
- ANT4903 Honors Directed Readings
- ANT4904 Honors Directed Readings
- ANT4908 Honors Thesis Research
- ANT4909 Honors Thesis Research
- ANT4906 Directed Independent Study – Dental Anthropology
- ANT4906 Directed Independent Study – Understanding Periosteal Reactions
- ANT4906 Directed Independent Study – Paleodemography
- ANT4912 Directed Independent Research

Graduate Courses (MA and PhD level):

- ANG5525C Human Osteology (taught 2 times) (split course with ANT4525C)
- ANG6002 Proseminar in Anthropology (taught 2 times)
- *ANG6189 Advances in Stable Isotopic Sciences (taught 2 times)
- ANG6520C Advanced Human Osteology (mixed mode with lab) (taught 4 times)
- ANG6521 Forensic Archaeological Field Methods (taught 2 times)
- *ANG6536 Advances in Bioarchaeology (taught 2 times)
- ANG6908 Independent Study – Paleodemography
- ANG6908 Independent Study – Bioarchaeology of Violence
- ANG6908 Independent Study – Biodistance in Bioarchaeology
- ANG6908 Independent Study – Bioarchaeology of Labor Conducive Stress
- ANG6908 Independent Study – Romanian Bioarchaeology
- ANG6908 Independent Study – Grant Writing
- ANG6908 Independent Study – Chachapoyas Bioarchaeology
- ANG6908 Independent Study – Mortuary Archaeology
- ANG6908 Independent Study – Advances in Bioarchaeology

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)

LEADERSHIP OF EDUCATIONAL WORKSHOPS (UCF and International)

- 2022 International Osteological Workshop. “*Curso Taller Internacional de Antropología Física*”. 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**)
- 2017 International Osteological Workshop. “*Taller en osteología*”. Invited by Universidad Nacional de Trujillo, Trujillo, Perú. (1 week workshop – **In Spanish**)

- 2017 International Osteological Workshop. “*Taller en bioarqueología y osteología*”. 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 HUT 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

- 2024 Faculty Center Development track. Participant. **Faculty Center for Teaching and Learning - Summer Faculty Development Conference.** UCF, Orlando.
- 2024 “Thinking Critically in College”. Book Club Participant. **Faculty Center for Teaching and Learning - Spring Semester.**
- 2021 Faculty Center Development track. Participant. **Faculty Center for Teaching and Learning - Summer Faculty Development Conference.**
- 2021 Teaching Squares Semester participant. **Faculty Center for Teaching and Learning - Spring Semester.**
- 2020 Panopto Essentials, **Center for Distributed Learning,** UCF.
- 2018 Faculty Center Development track. Participant. **FCTL - Summer Faculty Development Conference.**
- 2018 “Transfer Student Workshop”. Participant. **Quality Enhancement Plan.** UCF, Orlando.
- 2017 QEP Track. “Anthropology 3D”. Participant. **FCTL - Summer Faculty Development Conference.**
- 2017 “Digital Storytelling Workshop”. Participant. **Quality Enhancement Plan.**
- 2015 “Transparency in Teaching and Learning”. Participant. **FCTL - Winter Faculty Development Conference.**
- 2015 **Next Generation Learning Spaces Site Tour and Conference Panelist,** UCF, Orlando.
- 2015 STEM Proposal Development Track. Participant. **FCTL - Summer Faculty Development Conference.**
- 2014 “I Told You to Pack Extra Socks” Approaches for Preparing Anthropology Students for Field Research Abroad. Participant. **FCTL - Summer Faculty Development Conference.**
- 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. **FCTL - Winter Faculty Development Conference.**
- 2011 IDL6543 **Online Course Development Certification.** Center for Distributed Learning, UCF.

DIRECTION OF STUDENT RESEARCH

Highlights:

- 27 chaired committees (8 HUT, 1 PhD, 15 MA, 3 FIRE)
- 24 member of committee (8 HUT, 4 PhD, 12 MA)

GRADUATE STUDENT MENTORSHIP***CHAired PhD DEGREES – IN PROGRESS (n=3)***

Dept. of Anthropology, UCF

(accepted) Ihuixaya Tapia

(accepted) Mark Clemente

(expected 2026) **Kenneth Tremblay**, PhD Student, Proposed research: *Structural violence under imperial Late Roman rule in Ancient Pannonia (Croatia)*

- **Trevor Colbourn Anthropology Endowment Fund awarded 2024 (\$1500) and 2025 (\$1500)**
- **2024 Christy Turner Student Poster Presentation Award winner (AABA meetings)**

(left program 2024) **Megann Phillips**, PhD Candidate, Proposed research: *Impact of European colonialism on indigenous health in PreColumbian Peru*

- **Trevor Colbourn Anthropology Endowment Fund awarded 2021 (\$1500)**
- **Trevor Colbourn Anthropology Endowment Fund awarded 2022 (\$1350)**

(left program 2024) **Jonathan Barkmeier**, PhD Student, Proposed research: *Regional ethnicity in Medieval Transylvania, Romania*

- **Trevor Colbourn Anthropology Endowment Fund awarded 2021 (\$1500)**
- **Trevor Colbourn Anthropology Endowment Fund awarded 2023 (\$1450)**

EXTERNAL MEMBER ON PhD DISSERTATION COMMITTEES

2024 **Brina Zagorc**, Dept. of Evolutionary Anthropology, University of Vienna, PhD Thesis title: *Tracing Life in Antiquity and Early Medieval Times: Paleogenomics, Dietary Stable Isotopes, and Bioarchaeological Approaches in Central European Populations*2016 **Maricarmen de la 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.****PhD DEGREE COMMITTEES – COMPLETED (n=1)***

Dept. of Anthropology, UCF

2022 **Jane Holmstrom** Doctoral Dissertation titled: *Examining Diet, Mobility, and Social Dynamics in Southern Medieval France Using a Multi-Isotopic and GIS Approach.*

PhD DEGREE COMMITTEES – IN PROGRESS (n=2)

Dept. of Anthropology, UCF

(expected 2025) **Kat Lane**. Title: *Theoretical and Methodological Considerations of the Estimation of Osteological Sex in Forensic Anthropology Utilizing Fuzzy Logic Principles*

(expected 2026) **C Trent**. Title forthcoming.

CHAired MA DEGREES – IN PROGRESS (n=2)

Dept. of Anthropology, UCF

(accepted 2025) **Amanda Cotrill**, Thesis project in development.

(accepted 2025) **Emma Gardner**, Thesis project in development.

CHAired MA DEGREES AWARDED (n=15)

Dept. of Anthropology, UCF

2023 **Brianna Muir**, (co-chair Dr. Schultz). Thesis title: *Investigation Mobility across the Life Course through Stable Isotope Analysis at the Early Medieval Site of Berettyóújfalu Somata, Hungary*

- **Trevor Colbourn Anthropology Endowment Fund awarded (\$425)**
- **Fulbright finalist from Australia**

2022 **Hannah Haynes**, Thesis title: *Utilizing Geographic Information Systems to Explore the Mortuary Landscape at Kuelap, Peru*

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

2022 **Hannah Pytleski**, Thesis title: *Investigating mobility through an oxygen stable isotope study of the Medieval cemetery at Kilroot, County Antrim, Northern Ireland*

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

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

- **Fulbright scholar from Albania**
- **Trevor Colbourn Anthropology Endowment Fund awarded (\$400)**

2021 **Dylan Smith**, 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**, (co-chair Dr. Callaghan). Thesis title: *Bioarchaeological and mortuary patterns at Holtun, Guatemala: Integrating a comparative osteobiographic approach.*

- **Trevor Colbourn Anthropology Endowment Fund awarded (\$400) (COVID withdrawn)**

2021 **Erin Martin**, (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**, Non-thesis option.

- 2018 **Samantha Michell.** Thesis title: *Animals of the Cloud Forest: An isotopic analysis of faunal remains from Kuelap, Peru.*
- 2018 **Zorina Manoni.** Thesis title: *Osteoarthritic changes and activity patterns from the Medieval cemetery of Mistibaj, 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 Graduate Research Forum – 2015**
- 2016 **Armando Anzellini.** 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.** Thesis title: *Dental pathology from skeletal remains from Kuelap, Peru.*
- **McNair Graduate Scholars Program 2014-16**
 - **UCF Alumni Scholarship (\$1500) 2015**
- 2015 **Wesley Garrett.** Thesis title: *Community identity and the archaeological complex of Túcume, Peru: A synthesis of cranial and dental nonmetric variation.*
- 2015 **Taylor Remley.** Non-thesis option.
- 2014 **Lori Epstein.** Thesis title: *A spatial analysis of Chachapoya mortuary ritual at La Petaca, Peru.*

MA DEGREE COMMITTEES – COMPLETED (n=12)

Dept. of Anthropology, UCF

2025	Jasper Sharpless
2022	Kelly McGehee
2022	Rachel Lotze
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

MA DEGREE COMMITTEES – IN PROGRESS (n=0)

Dept. of Anthropology, UCF.

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.

Peter Kim Research: *CT models of mummified individuals and differential diagnosis of disease.*
 Module started 2024

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 STUDENT MENTORSHIP

Undergraduate Research Honors Undergraduate Thesis (HUT) Chair – COMPLETED (n=8)

Dept. of Anthropology, UCF

- 2024 **Tyler Pilarski**, Dept. of Biomedical Sciences. Thesis title: *Paleodemographic Research in Ancient Túcume, Peru with a focus on Infant Mortality*
- 2024 **Nidhi Patel**, Dept. of Forensic Sciences. Thesis title: *Bioarchaeological Study of Factors Impacting Oral Health in Ancient Peru.*
- 2023 **Amy Rodrigues**, Dept. of Chemistry. Thesis title: *Reconstructing Dental Care in Pre-Hispanic Peru*
- 2022 **Lisette Osorio**, Dept. of Chemistry. Thesis title: *Stable isotopes and cribra orbitalia: Linking dietary and pathological conditions in ancient Kuelap, Peru.*
 - **Women's Executive Council Scholarship** (\$1000)
 - **UCF Undergraduate Research Fund** (\$750)
- 2020 **Sarah Wenger**. Project title: *Cranial Modification at Túcume, Peru.*
- 2018 **Marley Denierio**. Project title: *Feeding the Children: A Paleodietary Reconstruction of Juveniles from Kuelap.*
 - **Order of Pegasus (Undergraduate)**
- 2014 **Vu Tran**. 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**. 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 Undergraduate Thesis (HUT) Chair – IN PROGRESS (n=1)

- 2025 **Carly Junod**, Dept. of Anthropology. Thesis proposed: *AI perspectives on Egyptian archaeology* (co-chaired: R. Root)

Undergraduate Research HUT Committee Member – COMPLETED (n=8)

- 2018 Melanie St. Pierre, Dept. of Anthropology. Title: “*Mobility and Collapse: Stable Isotope Analysis of Oxygen-18 Isotopes from Ancient Mexico*”
- 2018 Erin Martin, Dept. of Anthropology. Title: “*Trends in Grave Marker Attributes and Individual Mortuary Representation in Greenwood Cemetery: Orlando, Florida*”
- 2018 Austin Stanley, Dept. of Anthropology. Title: “*Reconstructing The Vocal Capabilities of Homo Heidelbergensis, a Close Human Ancestor*”
- 2018 Kristyna Ceurinck, Dept. of Anthropology. Title: “*Back” to the Future: An Assessment of Morphological Integration and Spinal Deformities*”
- 2016 Jaqueline Devaney, Dept. of Anthropology. Title: “*Attitudes of Mothers and Daughters in Menstrual Suppression*”
- 2016 Erika Martinez, Dept. of Political Science. Title: “*Globalization and the ‘Fourth Wave’: Contemporary Terrorism in a Comparative Historical Perspective*”
- 2015 Serenela Pelier, Dept. of Anthropology. Title: “*Stable Isotope Evidence for the Geographic Origins and Military Movement of Napoleonic Soldiers in the March to Moscow in 1812*”
- 2013 Alexandra Minnick, Dept. of Sociology. Title: “*Just Eat It: An Examination of the Sociological Factors that Influence the Eating Habits of College Students*”

Undergraduate Research Mentor – COMPLETED (n=12)

- | | | |
|------|-----------------------|---|
| 2025 | Sydnee Hinson | Summer Undergraduate Research Experience |
| | • | Student Winner Judges Choice (UCF Student Scholar Symposium) Spring 2025 |
| 2024 | Aaliyah Degraff-Frias | EXCEL Program in Science, Technology, Engineering and Math. |
| 2024 | Amy VanValkenburgh | EXCEL Program in Science, Technology, Engineering and Math. |
| 2023 | Melissa Stroup | Summer Undergraduate Research Experience |
| 2022 | Trinity Johnson | EXCEL Program in Science, Technology, Engineering and Math. |
| 2022 | Nidhi Patel | EXCEL Program in Science, Technology, Engineering and Math. |
| 2021 | Lissette Osorio | EXCEL Program in Science, Technology, Engineering and Math; Summer Undergraduate Research Fellowship. |
| 2020 | Bryan Lopez | Biomedical Sciences Mentor (2018-2020) |
| 2020 | Bianca Mercado | LEADS Program (2018-2020) |
| 2018 | Vivian Pham | EXCEL Program in Science, Technology, Engineering and Math. (2016-18) |
| 2017 | Denise Dorra | EXCEL Program in Science, Technology, Engineering and Math. |
| 2016 | Caitlyn Sawyer | Research Excellence |

STUDENT SUPERVISION IN RESEARCH

STUDENT SUPERVISION IN ARCHAEOLOGICAL RESEARCH AND FIELDWORK

Highlights:

- I have supervised **20 undergraduate** and **18 graduate** students in international fieldwork.
- I have consistently invited UCF, other North American, and Peruvian university students to participate in my field projects in Peru, providing training and research opportunities.

- 2024 **Invited Specialist** (Human Osteology). *Proyecto de Investigación Arqueológica de Conservación Puesto en Valor del Sitio Arqueológico Silic i El Imperio* (Peruvian directors: Lic. Rocio Diaz and Lic. Gabriel More). Chachapoyas, Peru.
Undergraduate training and supervision (n=3):
Yesly Cruz Carranza, Angel Gudelupe, Stefany, Universidad Nacional Toribio Rodriguez de Mendoza, Chachapoyas.
- 2024 **Field Director, Osteological Laboratory**. *Proyecto de Investigación Bio-arqueológica de la Colección de Contextos Funerarios, Chachapoyas – Amazonas*. Resolución Directorial N° 000124-2024-DGM-VMPCIC-MC (June-July) – Chachapoyas, Peru.
Undergraduate training and supervision (n=10):
Zenus Francis and **Makenzie Lehman**, Lehigh University, Bethlehem, Pennsylvania, USA
Asley Fiorela Saldaña Fernandez, Darbin Carrasco Fernandez, Ever Miquel Oclocho Vargas, Milady Tatiana Amasifuen Carrasco, Cicilia Alva Hoyos, Jeny Milagros Grandez Aribildo, Keyli Malvaver Chavez, y Ivona Tinoco, Universidad Nacional Toribio Rodriguez de Mendoza, Chachapoyas.
- 2023 **Field Director, Osteological Laboratory**. *Proyecto de Investigación Arqueológica de Contextos Funerarios del Sitio Arqueológico Diablo Wasi - Temporada 2023*. Resolución Directorial N° 000325-2023-DCIA-MC (July-August) – Chachapoyas, Peru
Undergraduate training and supervision:
Keyli Malaver Chavez and **Diana Herbozo Tinoco**, Universidad Nacional Toribio Rodriguez de Mendoza, Chachapoyas.
- 2022 **Co-Director, Field Excavation**. *Proyecto de Investigación Paisajes Arqueológicos de Chachapoyas, Perú*. Resolución Directorial N° 000197-2022-DCIA-MC (July-August) – Peru
Graduate training and supervision:
Megann Phillips, UCF.
Undergraduate training and supervision:
Meaghan Bennett, UCF.
Karin Ruscan Velayarce and **Leyla Derly Jrigoin Silva**, Universidad Nacional Toribio Rodriguez de Mendoza, Chachapoyas.
- 2022 **Director, Osteological Laboratory**. *Proyecto Bioarqueológico de Túcume* (June)
Graduate training and supervision:
Megann Phillips, UCF.
Monika Lis, University of Warsaw, Poland.
- 2019 **Director, Osteological Laboratory**. *Proyecto Bioarqueológico de Túcume* (June)
Graduate training and supervision:
Megann Phillips, Dylan Smith, Erin Martin, Vanessa Cruz, UCF.
Stefani Wai, MacMaster University, Canada.
- 2018 **Director, Osteological Laboratory**. *Proyecto Bioarqueológico de Túcume* (June)
Undergraduate training and supervision:
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 training and supervision:
Samantha Michell, MA student - UCF
Christopher Schow, MD student - UCF
Undergraduate training and supervision:
Trace Meshberg, UCF

- 2016 **Director, Field Excavation and Osteology Laboratory.** *Proyecto de Investigación de Contextos Funerarios de La Petaca, Amazonas, Peru.* Resolución Directoral N° 237-2016-DGPC-VMPCIC-MC (May – June) – Peru
Graduate training and supervision:
Ani St Amand, MA student, University of Maine
Undergraduate training and supervision:
Karin Ruscan Velayarce and **Leyla Derly Jrigoin Silva**, Universidad Nacional Toribio Rodriguez 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 N° 282-2013-DGPC-VMPCIC-MC (May – June) - Peru
Graduate training and supervision:
Lori Epstein – UCF
Undergraduate training and supervision:
Armando Anzellini – UCF
- 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

STUDENT SUPERVISION IN LABORATORY RESEARCH

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

Lab Assistants: **45 undergraduate and 15 graduate students**

Totaling: 104 UG student semesters; 69 graduate semesters
 visiting undergraduate; n = 1 (SUNY New Paltz)
 visiting graduate; n = 1 (Tulane University)

Invited Educational Positions

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

- Newly developed archaeology bachelor degree, regular teaching workshops, laboratory based classes, and student fieldwork opportunities.
- Lead workshops and seminars in bioarchaeological topics.
- Mentor undergraduates in lab-based experiences and projects.

- 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:

2023-2025	University Honors Committee, Member
2021 to present	Latin American, Caribbean, and Latinx Studies Advisory Board, Member
2020-2023	University Graduate Curriculum Committee (Vice-chair 2022-2023)
2020-2022	Faculty Senate (COS At-Large representative), Member
2020-2025	Florida-Canada Linkage Institute review committee, Member
2019-present	Faculty Senate , Ad Hoc Committee on Study Abroad, Member

COLLEGE of SCIENCES:

2025	Promoting the Social Sciences and Creative Arts Work Group, Member
2024-2025	Recognition and Scholarship Committee, Member (chair)
2022-2023	Ad Hoc By-Laws Committee, Member
2019 to 2020	Research Incentive Award (RIA), Member
2017 to 2018	Graduate Curriculum Committee, Member
2013 to 2017	Dean's Advisory Council, Member
2012 to 2017	Recognition and Scholarship Committee, Member
2013 to 2014	Research Committee, Member

DEPARTMENT:

2024-2025	Colloquium Committee, Chair
2023-2025	Trevor Colburn Endowed Anthropology Fund Committee, Member
2024-2025	Department Promotion and Tenure Committee, Chair
2021-2022	Ad hoc Working with Graduate Students: Laboratory and Field Research Committee, Chair
2020-2022	Colloquium Committee, Chair,
2019-2024	MA Curriculum Committee, Member
2017 to present	Department Promotion and Tenure Committee, Member
2020	Department Promotion and Tenure Committee, Chair,
2019-2020	Biological Anthropology Hire Committee (bioarchaeology), Co-Chair
2019-2020	Biological Anthropology Hire Committee (open), Co-Chair,
2018 to 2021	Doctoral Program Committee, Member
2017 to 2020	Colloquium Committee, Member
2014 to 2015	Biological Anthropology Hiring Committee, Member
2014 to 2015	Instructor/Lecturer Promotion Committee, Member
2012	Instructor/Lecturer Promotion Committee, Chair
2011 to 2015	Anthropology Undergraduate Curriculum Committee, Member
2011 to 2018	Anthropology Graduate Curriculum Committee, Member

OTHER:

2013 to 2018	Anthropology Graduate Writing Workshop, Facilitator
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Faculty Mentor to UCF Student Organization

2015-2018	IChange Peru, local chapter (http://ichangeperu.org/)
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SERVICE TO PROFESSION

PROFESSIONAL SERVICE

- 2022-2026 **Editor-in-Chief**, Paleopathology Newsletter
Paleopathology Association Board of Directors Member
- 2020-2025 **Editorial Board Member**, American Journal of Biological Anthropology
- 2021 Member of the Institute for Andean Studies Program Committee
- 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

EVALUATION OF MANUSCRIPTS, BOOK CHAPTERS, AND GRANT PROPOSALS:

Editorial Board:

- 2020-2025 American Journal of Biological Anthropology (previously American Journal of Physical Anthropology)

Reviewer for:

- 2024 BAR (edited volume review), **2 NSF** (archaeology Doctoral Dissertation grant)
- 2023 Bioarchaeology International (research article and re-review), Antiquity (research article), Routledge (book proposal), Latin American Antiquity (research article)
- 2022 **National Research Grant Development Innovation Office of Hungary** (archaeological grant review)
- 2021 Journal of Bioanthropology (research article), **NSF** (archaeology research grant), BAR series (book review)
- 2020 **Rust Family Foundation** (2 research grants), American Journal of Physical Anthropology (2 research articles), Journal of Anatomy, International Journal of Osteoarchaeology, International Journal of Paleopathology, Archaeological and Anthropological Sciences, Journal of Anthropological Archaeology (each a research article)
- 2019 **Rust Family Foundation** (research grant), Quaternary International, International Journal of Osteoarchaeology, PLOSone (each a research article)
- 2018 **National Science Foundation** (archaeology research grant), PLOSone (3 research articles), PNAS, International Journal of Paleopathology (each a research article), Quaternary International
- 2017 **National Geographic** (research grant), Routledge book proposal, Quaternary Science, World Art, International Journal of Paleopathology, Bioarchaeology International, Journal of Archaeological Science: Reports (each a research article)
- 2016 **National Geographic** (research grant), International Journal of Osteoarchaeology, American Journal of Physical Anthropology, Bulletin de l'Institut Francais d'Etudes Andines (research article in Spanish), Mankind Quarterly (each a research article),
- 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, International Journal of Paleopathology, Nawpa Pacha (each a research article)
- 2012 American Journal of Physical Anthropology, International Journal of Osteoarchaeology, Cambridge Archaeological Journal, Ethnohistory Journal (each a research article)

INVITED LECTURES - INTERNATIONAL

- 2024 **PERU.** *La osteobiografía: la historia de la vida a través de los restos humanos.* Universidad Nacional Toribio Rodríguez de Mendoza, Chachapoyas.
- 2023 **PERU.** *Investigación bioarqueológica en Diablo Wasi y virtualización del patrimonio Chachapoya.* Ponencia de Avances, invited by the Dirección Desconcentrada de Cultura, Amazonas.
- 2023 **PERU.** *Nuevos conocimientos de patrones mortuorios de los antiguos Chachapoya en sitios arqueológicos por La Joya, Leymebamba.* Public community presentation in the Plaza de Armas, Leymebamba, invited by Comunidad Campesina de Leymebamba.
- 2023 **PERU.** *Nuevos conocimientos isotópicos sobre la dieta de los antiguos habitantes de Kuelap, Chachapoyas.* Ponencia Magistral de la Pontífica Universidad Católica de Perú, Lima.
- 2023 **CROATIA.** *Going Digital: Vertical archaeology in the mountains of Peru.* SpeleoVelebit Association, Zagreb.
- 2022 **AUSTRIA.** *Paleopathology at new heights: Exploring disease in the cliff tombs of the ancient Chachapoya, Peru.* Seminar in Evolutionary Medicine (IEM) University of Zurich, Zurich. (Virtual).
- 2021 **PERU.** *Violencia profunda: Bioarqueología de una masacre en Kuelap.* XXVIII Congreso de Estudiantes de Arqueología “Inge Schjellerup & Arturo Ruiz”. Universidad Nacional Toribio Rodríguez de Mendoza, Chachapoyas. (Virtual in Spanish).
- 2021 **PERU.** *Nuevos conocimientos bioarqueológicos de la dieta de los habitantes antiguos de Kuelap, Chachapoyas, por los isótopos estables.* "Expedición Virtual hacia los Confines de la Arqueología del Nor Oriente Peruano" Centro de Estudiantes de Arqueología de Amazonas (CEAR-A) Universidad Nacional Toribio Rodríguez de Mendoza, Chachapoyas. (Virtual in Spanish).
- 2019 **PERU.** *La historia a través de los huesos: 18 Años de investigaciones en Túcume.* Museo de Túcume, Túcume. (In Spanish)
- 2019 **POLAND.** *Bioarchaeology of Ancient Activities: A Peruvian example.* University of Warsaw, Warsaw.
- 2019 **POLAND.** *Of Cords and Condors: Vertical Archaeology in the Mountains of Northern Peru.* University of Warsaw.
- 2019 **CZECH REPUBLIC.** *Sacrificial Life and Death in the Ancient Andes of Peru.* University of West Bohemia, Plzeň.
- 2019 **IRELAND.** *Times of Great Sacrifice: Life and Death in the Ancient Andes of Peru.* Archaeological Society of the University of Ireland-Galway, Galway.
- 2019 **HUNGARY.** *Sacrificial Life and Death in the Ancient Andes of Peru.* Eötvös Loránd University, Budapest.
- 2019 **CROATIA.** *Tombs with a View: Bioarchaeology in the Northern mountains of Peru.* University of Zadar, Zadar.
- 2019 **CROATIA.** *Ritual Violence in the Ancient Andes of Peru.* University of Zadar, Zadar.
- 2019 **CROATIA.** *Investigating Life in the Past: Preliminary Stable Isotope Analysis from the Iron Age at Nadin, Croatia.* University of Zadar, Zadar.
- 2019 **CROATIA.** *Sacrificial Life and Death in the Ancient Andes of Peru.* Archaeological Museum of Zagreb, Zagreb.
- 2018 **GERMANY.** *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.

- 2018 **CROATIA.** *Of Cords and Condors: Vertical Archaeology in the Mountains of Northern Peru.* SpeleoVelebit Association, Zagreb.
- 2018 **SPAIN.** *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 **PERU.** *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 Rodríguez de Mendoza, Chachapoyas. (In Spanish).
- 2017 **PERU.** *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. (In Spanish).
- 2016 **PERU.** *Visión desde las tumbas: Nuevos conocimientos de patrones funerarios de La Petaca.* Presented at the Dirección Desconcentrada de Cultura – Chachapoyas, Amazonas (In Spanish).
- 2016 **PERU.** *Nuevos conocimientos de patrones mortuorios de los antiguos Chachapoya en sitios arqueológicos por La Joya, Leymebamba.* Presented to the Leymebamba community, Amazonas (In Spanish).
- 2013 **PERU.** *Ukhuypacha y Hananpacha: Una exploración de la arqueología vertical en el sitio La Petaca, Amazonas.* Dirección Desconcentrada de Cultura – Chachapoyas, Amazonas (In Spanish).
- 2011 **PERU.** *Los huesos que me habla: Una introducción a la bio-anthropología de los restos humanos de Kuelap - Amazonas.* Instituto de Cultura, Chachapoyas, Amazonas. (In Spanish)

INVITED PUBLIC LECTURES – LOCAL AND NATIONAL

- 2024 *Hidden in Plain Sight: Chachapoya Mortuary Archaeology on Cliffs in Highland Peru.* Warm Mineral Springs/Little Salt Springs Archaeological Society, North Port, Florida. <https://www.wmslss.org/>
- 2022 *Where Condors Reign: Vertical Archaeology and Conservation in the Mountains of Peru.* Archaeological Institute of America, Jacksonville-Florida Chapter.
- 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.

- 2014 *Using vertical archaeology to explore prehispanic cliff tombs in Chachapoyas, Peru.* Presented at the University of Florida Anthropology Department, Gainesville, 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 *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 *Filling in the holes in the head: Ancient trepanation among pre-Inca Chachapoya from Peru.* Polk State Archaeology Club, Winter Haven, FL.

COMMUNITY SERVICE ---

- 2023-2024 Board of Directors, **Archaeologists for Autism.**
- 2015-2019, 2022 “**Archaeologists for Autism**” annual activity day, Merritt Island, Florida.
- 2016 **UCF “Knights Give Back”** volunteer at Greenwood Cemetery clean up.
- 2014 **Crimeline’s “ZooDunIt” Fundraiser Exhibitor**, 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.

PROFESSIONAL TRAINING ---

- 2024 CITI training “Social and Behavioral Responsible Conduct of Research”
- 2024 UCF Human Resources Learning and Organizational Effectiveness workshop on “Giving and Receiving Feedback”, “Civility at Work”
- 2023 Life Expert online Leadership Training modules (Communication, Conflict Resolution, Anger Management, and Stress Management).
- 2021 Inclusive Champion Program at UCF Office of Diversity and Inclusion Certificate.
- 2021 CITI training “Conflict of Interest”
- 2014 UCF S.A.F.E. Training workshop for Veterans and Faculty.

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)**

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

EDUCATIONAL MEDIA OUTREACH

(<http://www.imdb.com/name/nm2549706/>)

Documentary Film Contributions

- 2023 **Lead Host – National Geographic Limited Series**, “The Ghosts of Kuelap: Peru’s Mass Grave”, aired March 2023.
- 2018 **Guest Host – Tournez Si Vous Plais** “Chachapoyas among the Clouds”, January 2018.
- 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

- 2021 **Archaeology Magazine.** Research in Chachapoyas featured in “Mapping a city in the clouds”.
www.archaeology.org
- 2021 UCF Nichols Student Media “**UCF professor spends 20 years studying archeological site in Peru**”
http://www.nicholsonstudentmedia.com/life/ucf-professor-spends-20-years-studying-archeological-site-in-peru/article_13e02d90-a62e-11eb-8dfb-df6e4d52b51c.html
- 2017 **Sciences et Avenir Magazine.** Research in Chachapoyas featured in “Les falaises aux momies”
https://www.sciencesetavenir.fr/archeo-paleo/archeologie/en-images-les-falaises-aux-momies-du-perou_110789
- 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 Peruvian Vertical Archaeology Research.
- 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

2018 to present	Institute for Andean Studies (IAS)
2007 to present	Society for American Archaeology (SAA)
2003 to present	Paleopathology Association (PA)
2001 to present	American Association of Biological Anthropologists (AABA)
2012 to 2021	Archaeological Institute of America (AIA)
2005	American Academy of Forensic Sciences (AAFS)
2004 to 2006	American Anthropological Association (AAA)
2000 to 2012, 2018	Canadian Association for Biological Anthropology (CABA)
1996-1999, 2009-2011	Ontario Archaeological Society (OAS)

LANGUAGE COMPETENCY

- Native speaker English
- Written, oral and reading fluency in Spanish
- Oral and reading comprehension of French