

# LANA J. WILLIAMS

DEPARTMENT OF ANTHROPOLOGY | UNIVERSITY OF CENTRAL FLORIDA  
ORLANDO, FL USA 32816-1361 | 407.823.2227 | [ana.williams@ucf.edu](mailto:ana.williams@ucf.edu)

---

## EDUCATION

- 2008 **Doctor of Philosophy**  
University of Western Ontario, Department of Anthropology  
Dissertation: *Investigating Seasonality of Death at Kellis 2 Cemetery Using Solar Alignment and Isotopic Analysis of Mummified Tissues*  
Supervisors: Dr. Christine D. White and Dr. Fred J. Longstaffe
- 2002 **Master of Arts**  
University of Central Florida, Department of Liberal Studies  
Thesis: *Regional Modeling of Bone Diagenesis and its Application to Paleodietary Analysis in the Vaca Plateau, Belize*  
Supervisor: Dr. Arlen F. Chase
- 2001 **Certificate in Maya Studies**  
University of Central Florida, Department of Sociology and Anthropology  
Supervisors: Dr. Arlen F. Chase and Dr. Diane Z. Chase
- 1999 **Bachelor of Arts**  
University of Central Florida, Department of Sociology and Anthropology

## ACADEMIC POSITIONS

- 2013 - current **Lecturer / Graduate Research Scholar**  
University of Central Florida, Department of Anthropology
- Mentor and instruct students in coursework, research and professional development
- 2010 - 2012 **Courtesy Assistant Professor / Visiting Assistant Professor**  
University of Central Florida, Department of Anthropology
- Developed course materials for new undergraduate online and biological tracks
- 2011 - 2012 **Adjunct Professor**  
Rollins College, Department of Anthropology
- Prepared and taught undergraduate cultural studies courses
- 2008 - 2010 **Assistant Professor**  
Muhlenberg College, Department of Sociology and Anthropology
- Developed and taught new undergraduate track in biological anthropology
- 2003 - 2008 **Graduate Teaching Assistant / Sessional Instructor**  
Department of Anthropology, University of Western Ontario
- Graded students submissions; prepared and taught undergraduate courses
- 2005 - 2007 **Program Instructor for Teaching Assistant Training Program**  
Faculty Teaching Center, University of Western Ontario
- Mentored and instructed new graduate teaching assistants for university
- 2000 - 2002 **Adjunct Professor / Sessional Instructor**  
University of Central Florida, Department of Sociology and Anthropology
- Prepared and taught undergraduate courses

## RESEARCH AREAS OF INTEREST

Bioarchaeology; human osteology; isotopic biodiversity; forensic archaeology; ancient health, disease and sexuality; musculoskeletal biomechanics; human variation; archaeological materials science; Egyptian and Roman mortuary landscapes

## ACADEMIC / RESEARCH HONORS AND AWARDS

- 2009 **Governor General's Gold Medal for Academic Excellence**  
Governor General of Canada
- Highest competitive academic award in Canada for doctoral research
- 2007 **UWO Western Graduate Research Assistantship** - \$8,000
- University-level award based on performance and supervisor recommendation
- 2007 **UWO Western Graduate Review of Outstanding Research**, \$400 travel assistance
- University-level award based on graduate faculty review of research
- 2006 **UWO Western Research Graduate Scholarship** - \$9,500  
**UWO International Doctoral Scholarship** - \$8,000  
**Graduate Teaching Assistantship** - \$10,000
- University- and department-level awards based on academic standing
- 2005 **UWO Western Research Graduate Scholarship** - \$9,500  
**UWO International Doctoral Scholarship** - \$8,000  
**Graduate Teaching Assistantship** - \$9,500
- University- and department-level awards based on academic standing
- 2004 **UWO Special University Scholarship** - \$8,500  
**UWO International Doctoral Scholarship** - \$8,000  
**Graduate Teaching Assistantship** - \$9,000
- University- and department-level awards based on academic standing
- 2003 **UWO Special University Scholarship** - \$8,500  
**UWO International Doctoral Scholarship** - \$8,000  
**Graduate Teaching Assistantship** - \$9,000
- University- and department-level awards based on academic standing
- 2001 - 2002 **UCF Graduate Tuition Award** - \$2,400 per year
- University-level award based on academic standing

## RESEARCH GRANTS

- ♦ Indicates travel and/or field research support for current or former UCF student

### External Research Funding and Grants:

- 2020 ♦ **Research Foundation Flanders**, and the **Research Council of the Katholieke Universiteit Leuven**. Subcontractor (Dayr al-Barshā field research support) \$2,400
- 2020 ♦ **Bartin Üniversitesi Research Grant**. Subcontractor (Tios field research support) \$2,800 (recind due to travel restrictions)
- 2019 ♦ **Research Foundation Flanders**, and the **Research Council of the Katholieke Universiteit Leuven**. Subcontractor (Dayr al-Barshā field research support) \$4,000

- 2018 ♦ **Research Foundation Flanders**, and the **Research Council of the Katholieke Universiteit Leuven**. Subcontractor (Dayr al-Barshā field research support) \$3,500
- 2017 ♦ **Bartın Üniversitesi Research Grant**. Subcontractor (Tios field research support) \$2600
- 2017 ♦ **Research Foundation Flanders**, and the **Research Council of the Katholieke Universiteit Leuven**. Subcontractor (Dayr al-Barshā field research support) \$3,500
- 2016 **Mongolian National Museum**. Subcontractor (Orkhon Valley field research support) \$800
- 2013 ♦ **Australian Research Foundation Discovery Grant**, and the **University of Melbourne**. Subcontractor (Pessinus field research support) \$3,000
- 2013 **Research Foundation Flanders**, and the **Research Council of the Katholieke Universiteit Leuven**. Subcontractor (Dayr al-Barshā field research support) \$3,200
- 2012 **Research Foundation Flanders**, and the **Research Council of the Katholieke Universiteit Leuven**. Subcontractor (Dayr al-Barshā field research support) \$3,200
- 2010 **Research Foundation Flanders**, and the **Research Council of the Katholieke Universiteit Leuven**. Subcontractor (Dayr al-Barshā field research support) \$3,000
- 2010 **Muhlenberg Private Donor Fund**. For equipment used in field excavations. \$2,000
- 2009 **Research Foundation Flanders**, and the **Research Council of the Katholieke Universiteit Leuven**. Subcontractor (Dayr al-Barshā field research support) \$2,500
- 2009 **Muhlenberg Private Donor Fund**. For equipment used in field research. \$1,500
- 2008 **Research Foundation Flanders**, and the **Research Council of the Katholieke Universiteit Leuven**. Subcontractor (Dayr al-Barshā field research support) \$2,500
- 2007 **Research Foundation Flanders**, and the **Research Council of the Katholieke Universiteit Leuven**. Subcontractor (Dayr al-Barshā field research support) \$2,000
- 2006 **Research Foundation Flanders**, and the **Research Council of the Katholieke Universiteit Leuven**. Subcontractor (Dayr al-Barshā field research support) \$2,000

*Internal Research Funding and Grants:*

- 2012 ♦ **UCF College of Sciences/Office of Research SEED Grants Program**, \$10,500  
 “Pilot Project: Investigating Health and Nutrition in Prehistoric/Historic Lithuania using Stable Isotope Analysis”  
 Senior collaborator with T. Dupras (PI)
- 2008 **Muhlenberg College Internal Research Grant**. \$15,000  
 “Student Development Track: Research in Bioarchaeology and Biological Anthropology”  
 PI on project (1 year funding); lab and field equipment for student use

**PEDAGOGICAL AREAS OF INTEREST**

Curriculum theory and integration; educational technology integration; content area literacy; global integrated learning; nature of scientific inquiry

**TEACHING HONORS AND AWARDS**

- 2020 **UCF Open Access Champions**  
 UCF Libraries and Center for Distributed Learning
- Recognition of role in creating, promoting and training in Open Education Resources

- 2020 **UCF AIM High Initiative**  
UCF Affordable Instruction Materials (AIM) Initiative
- Recognition of achievements in making learning materials affordable
- 2019 **UCF Women's History Month Honoree**  
UCF Faculty Excellence and Center for Success of Women Faculty
- Nomination for recognition of role in shaping past, present and future of UCF
- 2019 **High Quality Online Course Designation for ANT 4516 Human Biological Diversity**  
UCF Center for Distributed Learning Quality Initiative and FloridaShines course catalogue
- Recognition of best practices in course design, development and delivery for online distance learning in State University System 2025 Strategic Goals
- 2018 **High Quality Online Course Designation for ANT 3148 Life and Death in Ancient Egypt**  
UCF Center for Distributed Learning Quality Initiative and FloridaShines course catalogue
- Recognition of best practices in course design, development and delivery for online distance learning in State University System 2025 Strategic Goals
- 2017 **UCF Celebrate Accessibility Faculty Recognition**  
UCF Student Accessibility Services
- Student nominated for recognition of outstanding accessibility in course teaching
- 2014 **UCF Celebrate Accessibility Faculty Recognition**  
UCF Student Accessibility Services
- Student nominated for recognition of outstanding accessibility in course teaching
- 2009 **Muhlenberg College Bridge Builders Teaching Award**  
Muhlenberg College Student Accessibility Services
- Student nominated for excellence in assisted learning services and mentoring
- 2009 **UWO Student Council Teaching Honor Roll Award**  
University of Western Ontario Student Council
- Student nominated for recognition of outstanding undergraduate academic mentoring
- 2006 **UWO Graduate Student Teaching Award**  
University of Western Ontario Faculty Excellence Council
- Faculty nominated for recognition of outstanding undergraduate academic mentoring

## TEACHING GRANTS AND STIPENDS

### Internal University Program Development Grants:

- 2018 **Florida State Open Education Resources Grant.** \$10,000  
Coordinated through **UCF Center for Distributed Learning** and **John C. Hitt Library**  
Collaborator, with M. Callaghan
- Design and write open resource textbook and supplemental materials for designated Florida State GEP core course ANT 2000 General Anthropology
- 2017 **UCF Quality Enhancement Plan Grant.** \$7,500  
Collaborator, with S. Barber (PI), C. Chuo, N. Duncan, A. Groff, B. Reyes-Foster, and J. Schultz
- Design, implement and record measures of quality enhancement for undergraduate professional development (2 year project - received course release for Spring 2019) and secure local and regional dedicated internships for anthropology majors

- 2016 **The Learning Institute for Elders at UCF Inc. Grant \$1,000**  
 “Enhancing Student Experience with New Technologies and Field Equipment”  
 Co-PI, with S. Barber (1 year funding)
- Integrated iPad database, photo and mapping apps in graduate / undergraduate field courses
- 2012 **The Learning Institute for Elders at UCF Inc. Grant. \$1,750**  
 “Enhancing Student Field Photography Skills”  
 Co-PI, with T. Dupras and S. Wheeler (1 year funding)
- Photography equipment for graduate / undergraduate research, presentation and publication
- 2011 **The Learning Institute for Elders at UCF Inc. Grant. \$2,000**  
 “Enhancing Student Field Research with Technology”  
 Co-PI, with T. Dupras and S. Wheeler (1 year funding)
- Digital data collection equipment for graduate / undergraduate field and lab research
- 2008 **Muhlenberg College Teaching Grant. \$10,000**  
 “Track Development: Teaching Bioarchaeology and Biological Anthropology”  
 PI on project (2 year funding)
- Field and lab equipment for developing an undergraduate curriculum track for majors
- 2008 **Muhlenberg College Parent’s Fund Grant. \$1200**  
 “Student Engagement: Skeletal Analysis and Forensic Anthropology”  
 PI on project (1 year funding)
- Human skeletal and faunal casts for college-wide undergraduate cornerstone course

*Internal University Teaching Development Stipends:*

- 2020 **UCF Summer General Education Open Educational Resources Virtual Bootcamp. \$1000**
- Seminar co-leader for general sessions and anthropology working group on OER creation and implementation in GEP and upper-level anthropology courses
- 2019 **UCF GEP Course Refresh Stipend. \$1000**
- Redesign course assignments and outcomes in ANT 2000 General Anthropology (designated Florida State GEP core course) for alignment with new integrative/inclusive learning outcomes
- 2018 **UCF Summer Faculty Development Conference Stipend. \$800**
- Redesign ANT 2000 General Anthropology (designated Florida State GEP core course) for integrated persuasive writing and problem solving in active learning and open resource use
- 2018 **UCF Faculty Center for Teaching and Learning Course Innovation Project Stipend. \$500**
- Redesign ANT 4034 History of Anthropological Thought (designated online and face-to-face major required core course) for active learning and assessment transparency
- 2015 **UCF Writing Across the Curriculum Fellows Faculty Training Program Stipend. \$1,000**  
 “Aligning Outcomes in Undergraduate Degree Program”  
 Collaborator, with J. Schultz (PI), A. Groff, and S. Wheeler
- Integrate writing expectations with learning outcomes for biological anthropology curriculum

## PEER REVIEWED JOURNAL ARTICLES<sup>†</sup>

- Initial and subsequent author listing based on level of contribution or application to project
    - ♦ Indicates co-authorship with current or former UCF student
    - ★ Indicates co-authorship with student collaborator
- 2020 **Williams L** and Masségliá J. Tending the vines: Biomechanical evidence of laterality and gendered labor division in viticulture at Pessinus, Turkey. *International Journal of Bioarchaeology* (review revision and resubmit Fall 2020).
- 2020 Masségliá J and **Williams L**. The Farmer's Tomb at Pessinus, Turkey. *World Archaeology* (accepted, expected publication Spring 2021).
- 2020 Wade A, De Meyer M, and **Williams L**. Mummification during the First Intermediate Period: Computed tomography of the mummy of Henu from Dayr al-Barsha. *International Journal of Bioarchaeology* (accepted, expected publication Fall 2020).
- 2019 ♦Tisdale E, Schultz J, **Williams L**, Wheeler SM. Detection of Cortisol, Estradiol, and Testosterone in Archaeological Human Hair from the Dakhleh Oasis, Egypt. *Journal of Archaeological Sciences: Reports*, 27 (2019) 101968.
- 2017 ♦Whitmore K, Dupras T, **Williams L**, ★Skipityté R, Schultz J, and Jankauskas R. Stable carbon and nitrogen isotope inter- and intra-individual dietary reconstruction from the late 14<sup>th</sup> to the early 18<sup>th</sup> century site of Alytus, Lithuania. *American Journal of Physical Anthropology*, 168(2): 279-291.
- 2017 ♦Holder S, Dupras T, Jankauskas R, **Williams LJ**, Schultz J. Reconstructing diet in Napoleon's Grand Army using stable carbon and nitrogen isotope analysis. *American Journal of Physical Anthropology*, 163(1): 53-63.
- 2015 Aravecchia N, Dupras TL, Dzierzbicka D, and **Williams L**. The church at Amheida (Ancient Trimithis) in the Dakhleh Oasis, Egypt: A bioarchaeological perspective on an early Christian mortuary complex. *Bioarchaeology of the Near East*, 9:21-43.
- 2015 Bleuze MM, Wheeler SM, **Williams LJ**, Dupras TL. Growth of the pectoral girdle in a sample of juveniles from the Kellis 2 Cemetery, Dakhleh Oasis, Egypt. *American Journal of Human Biology*, 28(5):636-645.
- 2014 Bleuze MM, Wheeler SM, **Williams LJ**, Dupras TL. Ontogenetic changes in intralimb proportions in a Romano-Christian period sample from the Dakhleh Oasis, Egypt. *American Journal of Human Biology* 26(2): 221-228.
- 2014 Bleuze MM, Wheeler SM, Dupras TL, **Williams LJ**, Molto JE. An exploration of adult body shape and limb proportions at Kellis 2, Dakhleh Oasis, Egypt. *American Journal of Physical Anthropology*, 153(3): 496-505.
- 2014 Spence M, **Williams L**, Wheeler SM. Death and disability in a Younge Phase community. *American Antiquity*, 79(1): 108-127.
- 2014 De Meyer M, Dils P, Linseele V, ★Vereecken S, **Williams L**. Fowl for the governor: The tomb of governor Djehutinakht IV or V at Dayr al-Barsha reinvestigated. *Journal of Egyptian Archaeology*, 100:67-87.
- 2013 Wheeler SM, **Williams L**, Beauchesne P, Dupras TL. Shattered lives and broken childhoods: Evidence of physical child abuse in Ancient Egypt. *International Journal of Paleopathology*, 3: 71-82.

---

<sup>†</sup> Peer reviewed' refers to journal articles, books and book chapters that have been anonymously reviewed by a minimum of two external referees.

- 2012 Wade A, Garvin G, **Williams L**, Lawson B, Nelson A, Tampieri D. Scenes from the past: Radiological investigation of the human Egyptian mummies of the Redpath Museum. *Radiographics* 32:1235-1250.
- 2011 **Williams LJ**, White CD, Longstaffe FJ. Improving stable isotopic interpretations made from human hair through reduction of growth cycle error. *American Journal of Physical Anthropology* 145:125-136.
- 2010 Dupras TL, **Williams LJ**, Willems H, \*Peeters C. Pathological skeletal remains from ancient Egypt: The earliest case of diabetes mellitus? *Practical Diabetes International* 27:358–363a.
- 2010 Dupras TL, **Williams LJ**, De Meyer M, \*Peeters C, Depraetere D, \*Van Thuyne B, Willems H. Evidence of amputation as medical treatment in ancient Egypt. *International Journal of Osteoarchaeology* 20:405-423.
- 2009 Willems H, Delattre A, Dupras T, De Meyer M, Depraetere D, Herbich T, Van Loon G, \*Peeters C, Verstraeten G, **Williams L**. Preliminary report of the 2004-2005 campaigns of the Belgian Mission to Dayr al-Barshā. *Mitteilungen des Deutschen Archäologischen Instituts, Abteilung Kairo* 65:377-432, pls. 44-46.

### PEER REVIEWED BOOKS†

- Initial and subsequent author listing is alphabetical
- 2019 Callaghan ML and **Williams LJ**. *Exploring Our World: Biological and Archaeological Principles for General Anthropology*. Creative Commons OER (<https://pressbooks.online.ucf.edu/ant2000>).
- 2019 Dupras TL, Schultz J, Wheeler SM and **Williams LJ**. *Forensic Recovery of Human Remains: Archaeological Approaches, 3<sup>rd</sup> Edition*. CRC Press: Boca Raton, FL. (revision stage, expected publication 2022)
- 2012 Dupras TL, Schultz J, Wheeler SM and **Williams LJ**. *Forensic Recovery of Human Remains: Archaeological Approaches, 2<sup>nd</sup> Edition*. CRC Press: Boca Raton, FL.
- 2006 Dupras TL, Schultz J, Wheeler SM and **Williams LJ**. *Forensic Recovery of Human Remains: Archaeological Approaches*. CRC Press: Boca Raton, FL.

### PEER-REVIEWED BOOK CHAPTERS†

- Initial and subsequent author listing based on level of contribution or application to project
    - \* Indicates co-authorship with student collaborator
- 2019 Dupras TL, Sheldrick PG, **Williams L**, Wheeler SM. Bones of the ancestors: 40 Years of bioarchaeology in the Dakhleh Oasis, Egypt. In (G Bowen and C Hope, Eds) *Proceedings of the Ninth International Dakhleh Oasis Project Conference: Papers presented in Honour of Anthony J. Mills*. Oxford: Oxbow Books, 109-120.
- 2019 Yildirim Ş, Dandrow E, **Williams L**, Bora A, Sinelli P. Tios-Tieion 2017 Yili Kazi Çalışmaları. In *40. Kazı Sonuçları Toplantısı, Cilt. 3*. Ankara: T.C. Kültür ve Turizm Bakanlığı Kültür Varlıkları ve Müzeler Genel Müdürlüğü, 437-448.
- 2018 Wheeler SM, **Williams L**, Dupras TL. Bioarchaeological analyses of children and childhood from the Kellis 2 Cemetery, Dakhleh Oasis, Egypt. In (S Argawal and P Beauchesne, Eds) *Integrating Emerging Bioarchaeological Methods and Theory into the Study of Children and Childhood in the Past*. Gainesville: University Press of Florida, 330-371.

- 2017 Dupras TL, Wheeler SM, **Williams LJ**, Sheldrick PG. The bioarchaeology of Kellis: What human remains reveal about life in Kellis. In (CA Hope and G Bowen, Eds), *Ancient Kellis: Life and Death in a Roman Village in Egypt's Dakhleh Oasis*. Cambridge University Press. (In press)
- 2016 Dupras TL, **Williams LJ**, Wheeler SM and Sheldrick PG. Life and death in the desert: A bioarchaeological study of human remains from the Dakhleh Oasis, Egypt. In (C Price, R Forshaw, A Chamberlain, and P Nicholson, Eds) *Mummies, Magic and Medicine: Multidisciplinary Essays in Egyptology for Rosalie David*. Manchester University Press, Manchester pp. 286-304.
- 2015 Dupras TL, Wheeler SM, **Williams LJ** and Sheldrick PG. Birth in ancient Egypt: Timing, trauma, and triumph? Evidence from the Dakhleh Oasis. In (S Ikram, J Kaiser, R Walker, Eds) *Egyptian Bioarchaeology: Human, Animals, and the Environment*. Sidestone Academic Press, Leiden pp. 53-65.
- 2011 Wheeler SM, **Williams LJ**, Dupras TL, Tocheri MW and Molto JE. Childhood in Roman Egypt: Bioarchaeology of the Kellis 2 Cemetery, Dakhleh Oasis, Egypt. In (M Lally and A Moore, eds.) *(Re)Thinking the Little Ancestor: New Perspectives on the Archaeology of Infancy and Childhood*. Archaeopress: BAR International Series 2271, pp. 110-121.
- 2009 \*Vereecken S, De Meyer M, Dupras T and **Williams L**. An Old Kingdom funerary assemblage at Dayr al-Barshā. In (T Rzeuska and A Wodzinska, eds.) *Studies on Old Kingdom Pottery*. Neriton: Warsaw, pp. 187-207.

## BOOK CHAPTERS

- Initial and subsequent author listing based on level of contribution or alphabetical order
- 2018 Wheeler SM, **Williams L**, Dupras TL. Infancy and childhood in Roman Egypt: Bioarchaeological perspectives. In (L Beaumont, M Dillon and N Harrington, Eds). *Children in Antiquity: Perspectives and Experiences of Childhood in the Ancient Mediterranean*. Routledge. (In press).
- 2008 Beauchesne P, Colquhoun I, Cross A, Gardner J, Longstaffe F, Marciano L, Metcalfe J, Nelson AJ, Pawlowski A, Wheeler S, White CD and **Williams L**. Lady Hudson and mummy studies at The University of Western Ontario. In (P Atoche Peña, C Rodríguez Martín and A Ramírez Rodríguez, eds) *Mummies and Science: World Mummies Research. Proceedings of the VI World Congress on Mummy Studies*. Santa Cruz de Tenerife, pp. 637-640.

## ARTICLES AND FIELD REPORTS

- Initial and subsequent author listing based on level of contribution or application to project
    - ♦ Indicates co-authorship with current or former UCF student
- 2018 **Williams L** and ♦Biernaski A. What's for dinner? Faunal remains from the kitchens of the early Byzantine church at Tios. *Reports of Excavations at Tios 2016-2018*. Bartın Üniversitesi, Turkey. (in press, expected publication Fall 2020)
- 2018 **Williams L** and ♦Biernaski A. At the cross and nave: Burials of the early Byzantine church at Tios. *Reports of Excavations at Tios 2016-2018*. Bartın Üniversitesi, Turkey. (in press, expected publication Fall 2020)
- 2014 Tsetskhladze G, Avram A, Avram S, Dandrow E, ♦Hysi L, Madden A, Maranzana P, Masségliia J, Mondin C, Schmidt A, **Williams L**, and Young S. Pessinus: New secrets coming from Açığa. *Aktüel Arkeoloji* March, p. 12-14.
- 2011 Spence MW, Wheeler SM, and **Williams LJ**. Dismemberment or dissection: An unusual 'burial' in London, Ontario. *Kewa* 10(5):2-8.

- 2008 Spence MW, Wheeler SM and **Williams LJ**. The Roffelsen Site burial. Report prepared for Archaeologix Inc. consulting firm, London, Ontario.
- 2008 Wheeler SM, Beauchesne P, **Williams L** and Molto JE. Fractured childhood: A probable case of child abuse from ancient Egypt. *SAS Bulletin: Newsletter of the Society for Archaeological Sciences* 30(4):6-9.

## INVITED INTERNATIONAL CONFERENCE PRESENTATIONS\*

- Initial and subsequent author listing based on level of contribution or application to project
    - ★ Indicates co-authorship with student collaborator
- 2020 **Williams LJ** and Groff A. *Element of Surprise! Cobalt as a Biomarker of Treatment for Chronic Health Conditions among the Elderly of Kellis 2 Cemetery, Dakhleh Oasis, Egypt*. Paper accepted for the symposium 'Exploring Intersections of Diet, Health and Disease: Approaches to Studying Nutrition in the Past' at the 23<sup>rd</sup> Paleopathology Association European Meeting, Vilnius, Lithuania, August 20-24. (Meeting postponed until August 2021)
- 2018 Hodgetts L, Olsen K, Morris Z, Wheeler S, **Williams LJ**, Metcalfe J, and Szpak P. *Models of Graduate Supervision in Higher Education: What Chris White Taught Us About Collaboration*. Paper presented at the symposium 'The Odyssey and the Mentor: The Contributions of Dr. Christine D. White to Bioanthropology and Beyond' at the 46<sup>th</sup> Annual Meeting of The Canadian Association for Physical Anthropology, London, ON, October 31-November 3.
- 2018 **Williams L**, Wheeler SM. *'What You Get Is How You Do It': Exploring the Mother-Infant Nexus at Kellis 2 Cemetery*. Paper presented at the symposium 'The Odyssey and the Mentor: The Contributions of Dr. Christine D. White to Bioanthropology and Beyond' at the 46<sup>th</sup> Annual Meeting of The Canadian Association for Physical Anthropology, London, ON, October 31-November 3.
- 2016 Wheeler SM, Dupras TL, **Williams LJ**. *Entering the "Valley of Death": Isotopic Evidence of Disruption in the Mother-Infant Nexus at Roman Period Kellis, Egypt*. Paper presented at The Family in Past Perspective, 2016 Society for the Study of Children in the Past Annual Conference, Durham, UK, September 20-22.
- 2016 Dupras TL, Wheeler SM, **Williams LJ**. *Maternal Mortality and Orphans: A Bioarchaeological Assessment of Growing Up Motherless in Ancient Egypt*. Paper presented at Growing up Motherless in Antiquity: A Conference on Mother Absence in the Ancient Mediterranean, Basel, Switzerland, May 26-28.
- 2015 Masséglia J, **Williams LJ**. *The Farmer's Tomb at Pessinus*. Paper presented at the Oxford University Classical Archaeology Faculty Seminar series, Oxford, UK, (Oct-Nov, Oct 19)
- 2014 Wheeler SM, **Williams LJ**, Spence MW. *Death and Disability in a Young Phase Community: Perspectives from the Roffelsen Site*. Paper presented at symposium 'Session in Honour of Michael Spence' at the 47<sup>th</sup> Annual Meeting of the Canadian Archaeological Association/Association Canadienne d'Archéologie, London, ON, Canada, May 14-18.
- 2010 Dupras TL, **Williams LJ**, Willems H, ★Peeters C. *Diabetes Mellitus in Ancient Egypt: The Earliest Skeletal Case?* Poster presented in the session 'Materials Science: Human Remains' organized by P. Degryse at Conference for Center for Archaeological Sciences, Leuven, Belgium, October 21-23.

- 2008 Dupras TL, **Williams LJ**, De Meyer M, \*Peeters C, Depraetere D, \*Van Thuyne B and Willems H. *Evidence for Amputation in Ancient Egypt: A Bioarchaeological Approach*. Poster presented at session 'Holistic Approaches in Archaeology' organized by P. Degryse at Conference for Center for Archaeological Sciences, Belgium, June 21-24.
- 2006 **Williams LJ** and Wheeler SM. *Due Diligence: The Role of Forensic Archaeologists in Death Investigations*. Paper presented at symposium 'The Compleat Archaeologist: Papers in Honour of Michael W. Spence' organized by CJ Ellis at Ontario Archaeological Society, London, ON, October 27-28.

### INVITED NATIONAL CONFERENCE PRESENTATIONS\*

- 2018 Wheeler SM, **Williams L**, Dupras TL. *Entering the "Valley of Death": Isotopic Evidence of Vulnerable Survivors at Roman Period Kellis, Egypt*. Paper presented at the symposium 'The Archaeology of Childcare' at the 83<sup>rd</sup> Annual Meeting of the Society for American Archaeology, Washington DC, April 11-14.
- 2015 Wheeler SM, **Williams LJ**, Dupras TL. *Death at Birth: Changing Mortuary Practices from the Late Ptolemaic to the Romano-Christian Period in Egypt*. Paper presented at symposium 'The Practices of Death: The Archaeology of Mortuary Ritual in Ancient Egypt and Sudan' at the 80<sup>th</sup> Annual Meeting of the Society for American Archaeology, San Francisco, CA, April 15-19.
- 2013 **Williams LJ**, Wheeler SM, and Dupras TL. *Solar or Social? The Seasonal Birthing Cycle of Kellis 2 Cemetery, Dakhleh Oasis, Egypt*. Paper presented in the symposium 'Environmental Change and Past Human Responses: Human-Environmental Interactions Inscribed on the Skeleton' organized by G Robbins-Schug and S Halcrow at 78<sup>th</sup> Society for American Archaeology Annual Meeting, Honolulu, HI, April 3-7.
- 2013 Wheeler SM, Dupras TL, and **Williams LJ**. *The Largest Percent: Bioarchaeological Analysis of Children and Childhood from the Kellis 2 Cemetery, Dakhleh Oasis, Egypt*. Paper presented in the symposium 'Children and Childhood in the Past: Exploring Biological and Social Transformations of Children in Antiquity Through Emerging Bioarchaeological Methods and Theory' organized by P Beauchesne and S Agarwal at 78<sup>th</sup> Society for American Archaeology Annual Meeting, Honolulu, HI, April 3-7.
- 2011 **Williams LJ**, Dupras TL, Wheeler SM. *The Richest Ornament: Hair Analyses of Women from the Kellis 2 Cemetery, Dakhleh Oasis, Egypt*. Paper presented in the symposium 'Hair in Archaeology' organized by JS Williams and AS Wilson at VII World Congress on Mummy Studies, San Diego, CA, June 6-12.

### INTERNATIONAL CONFERENCE PRESENTATIONS\*

- Initial and subsequent author listing based on level of contribution or application to project
    - ♦ Indicates co-authorship with current or former UCF student
    - ★ Indicates co-authorship with student collaborator
- 2019 **Williams L**, and Groff A. *Aging Is Elemental: Defining Biomarkers of Senescence*. Joint Conference on the Bioarchaeology of Ancient Egypt and International Symposium on Animals in Ancient Egypt, Cairo, Egypt, January 10-13.
- 2019 Wheeler S, and **Williams L**. *Life and Loss: Bioarchaeological Evidence of Pregnancy, Childbirth and Miscarriage in Ancient Egypt*. Joint Conference on the Bioarchaeology of Ancient Egypt and International Symposium on Animals in Ancient Egypt, Cairo, Egypt, January 10-13.

- 2019 De Meyer M, **Williams L**, and Wade A. *Mummification During the First Intermediate Period: Computed Tomography of the Mummy Henu from Deir el-Bersha*. Joint Conference on the Bioarchaeology of Ancient Egypt and International Symposium on Animals in Ancient Egypt, Cairo, Egypt, January 10-13.
- 2018 Wheeler SM, **Williams L**, Dupras TL. *Entering the "Valley of Death": mother-infant interactions and disruptions in nutrition*. Paper presented at the 9<sup>th</sup> International Dakhleh Oasis Project (DOP) Conference, Prato, Italy, 10-13 June.
- 2018 **Williams L**, Baudelet, Wheeler SM, Dupras TL. *Aging is Elemental: defining biomarkers of disease using LA-ICP-MS on human hair*. Paper presented at the 9<sup>th</sup> International Dakhleh Oasis Project (DOP) Conference, Prato, Italy, 10-13 June.
- 2018 Dupras T, Sheldrick P, **Williams L**, and Wheeler S. *Arthur C. Aufderheide and the Study of Mummies in the Dakhleh Oasis, Egypt*. Extraordinary World Mummy Studies Congress, Tenerife, Spain, May 20-26.
- 2015 **Williams LJ**, Wheeler SM, Dupras TL, Sheldrick P. *Growing Older in the Oasis: Skeletal and Archaeological Evidence from Kellis, Dakhleh Oasis, Egypt*. Paper presented at the 8<sup>th</sup> International Conference of the Dakhleh Oasis Project, Krakow, Poland, July 6-8.
- 2015 Aravecchia N, Dupras T, Dzierzbicka D, **Williams L**. *The Funerary Crypt and Other Burials inside the Church of Amheida*. Paper presented at the 8<sup>th</sup> International Conference of the Dakhleh Oasis Project, Krakow, Poland, July 6-8.
- 2015 Dupras TL, ♦East K, Sheldrick P, **Williams LJ**, Wheeler SM. *Reconsidering Two Cases from North Tomb 1, Kellis, Dakhleh Oasis: Possible Rheumatoid Arthritis?* Paper presented at the 8<sup>th</sup> International Conference of the Dakhleh Oasis Project, Krakow, Poland, July 6-8.
- 2014 ♦Kozakaitė J, Dupras TL, **Williams LJ**, and Jankauskas R. *Child Abuse Case in Lithuanian Bioarchaeological Materials*. 3<sup>rd</sup> Baltic Bioarchaeology Meeting. Riga, Latvia. April 15-16.
- 2014 Wheeler SM, Dupras TL, **Williams LJ**. *Broken Body: A Case of Multiple Skeletal Fractures in a Juvenile from Ancient Egypt*. Poster presented at the 41<sup>st</sup> Annual Meeting of the Paleopathology Association, Calgary, Alberta, Canada, April 8-9.
- 2014 ♦Page K, Dupras TL, Jankauskas R, **Williams L**, ♦Eleazer CD, Schultz JJ, Wheeler SM. *Growing Up in Medieval Alytus, Lithuania: Dietary Reconstruction and Biocultural Analysis*. Poster presented at the 83<sup>rd</sup> Annual Meeting of the American Association of Physical Anthropologists, Calgary, Alberta, Canada, April 9-12.
- 2014 ♦Whitmore KM, Dupras T, **Williams L**, Jankauskas R, and Schultz J. *Diet in Medieval Lithuania: Stable Carbon and Nitrogen Isotopic Analysis of Bone and Dentin Collagen from the Site of Alytus*. Poster presented at the 83<sup>rd</sup> Annual Meeting of the American Association of Physical Anthropologists, Calgary, Alberta, Canada, April 9-12.
- 2013 **Williams LJ**, ♦Norris AL, and Dupras TL. *The Long and Short of It: Biomechanical Effects of Leg Length Disparity from Tibial/Fibular Fracture*. Paper presented at the Conference on the Bioarchaeology of Ancient Egypt, Cairo, Egypt, January 31- February 2.
- 2013 **Williams LJ**, Dupras TL, Wheeler SM, and Sheldrick P. *Mortuary Mixtures: Botanicals Used in Body Treatment within the Kellis 2 Cemetery, Dakhleh Oasis, Egypt*. Poster presented at the Conference on the Bioarchaeology of Ancient Egypt, Cairo, Egypt, January 31- February 2.

- 2013 Dupras TL, **Williams LJ**, Sheldrick P, ♦Walter B, ★VanThuyne B, Wheeler SM, and Willems H. *Cancer, a Disease of Modern Industrial Society? Not Likely! Review of Old and New Evidence from Ancient Egypt*. Poster presented at the Conference on the Bioarchaeology of Ancient Egypt, Cairo, Egypt, January 31- February 2.
- 2013 ♦Norris AL, **Williams LJ**, Dupras TL, and Wheeler, SM. *The Use of Multiple Tissues in Stable Isotope Analysis: An Example from the Dakhleh Oasis*. Paper presented at the Conference on the Bioarchaeology of Ancient Egypt, Cairo, Egypt, January 31- February 2.
- 2013 Dupras TL, Wheeler SM, **Williams LJ**, and Sheldrick P. *Birth in Ancient Egypt: Timing, Trauma, and Triumph? Evidence from Dakhleh Oasis*. Paper presented at the Conference on the Bioarchaeology of Ancient Egypt, Cairo, Egypt, January 31- February 2.
- 2012 **Williams LJ**, Wheeler SM, Dupras TL, and Sheldrick P. *Unusual Modes of Reproduction: Seasonal Birthing Cycle from Kellis 2 Cemetery, Dakhleh Oasis, Egypt*. Poster presented at 7<sup>th</sup> International Conference Dakhleh Oasis Project, Leiden, Netherlands, June 20-24.
- 2012 **Williams LJ**, Dupras TL, Wheeler SM, and Sheldrick P. *A Woman's Richest Ornament: Hair Analyses from Kellis 2 Cemetery, Dakhleh Oasis, Egypt*. Paper presented at 7<sup>th</sup> International Conference Dakhleh Oasis Project, Leiden, Netherlands, June 20-24.
- 2012 Dupras TL, Wheeler SM, **Williams LJ** and Sheldrick P. *Timing and Process of Birth in Kellis 2 Cemetery, Dakhleh Oasis, Egypt*. Paper presented at 7<sup>th</sup> International Conference Dakhleh Oasis Project, Leiden, Netherlands, June 20-24.
- 2012 ♦Groff A, and **Williams LJ**. *Seasonality of Energy Expended During Grave Construction at Kellis 2 Cemetery, Dakhleh Oasis, Egypt*. Poster presented at 7<sup>th</sup> International Conference Dakhleh Oasis Project, Leiden, Netherlands, June 20-24.
- 2008 Dupras TL and **Williams LJ**. *The Oldest Evidence of Diabetes Mellitus?* Paper presented at Canadian Association of Physical Anthropology, Hamilton, ON, November 5-8.
- 2008 Dupras TL, ♦Wallace E and **Williams LJ**. *GIS Analysis of Stable Carbon Isotopes and Seasonality in the Kellis 2 Cemetery, Dakhleh Oasis, Egypt*. Poster presented at Society for American Archaeology, Vancouver, BC, March 26-29.
- 2008 **Williams LJ**. *Unusual Modes of (Re)Production: The Seasonal Birthing Cycle of Women from Kellis 2 Cemetery (50-450 AD), Dakhleh Oasis, Egypt*. Poster presented at Society for American Archaeology, Vancouver, BC, March 26-29.
- 2007 **Williams LJ**. *The Eleven Percent Solution? Tissue Rehydration as a Means of Reducing Growth Cycle Error in Isotopic Analysis of Hair Segments*. Paper presented at VI World Congress on Mummy Studies, Lanzarote, Canary Islands, February 20-24.
- 2007 Wheeler SM, Beauchesne P, **Williams LJ** and Molto JE. *Fractured Childhood: A Probable Case of Child Abuse from Dakhleh Oasis, Egypt*. Paper presented at VI World Congress on Mummy Studies, Lanzarote, Canary Islands, February 20-24.
- 2007 Beauchesne P, Colquhoun I, Cross A, Gardner J, Longstaffe F, Marciano L, Metcalfe J, Nelson AJ, Pawlowski A, Wheeler S, White CD and **Williams L**. *Lady Hudson and Mummy Studies at The University of Western Ontario*. Poster presented at VI World Congress on Mummy Studies, Lanzarote, Canary Islands, February 20-24.
- 2006 **Williams LJ**. *Seasons in the Sun: The Solar Horizon at the Kellis 2 Cemetery, Dakhleh*. Paper presented at 5<sup>th</sup> International Conference Dakhleh Oasis Project, Cairo, Egypt, June 3-6.

- 2006 Wheeler SM, **Williams LJ** and Dupras TL. *Children and Childhoods: Bioarchaeology at the Kellis 2 Cemetery, Dakhleh*. Paper presented at 5<sup>th</sup> International Conference Dakhleh Oasis Project, Cairo, Egypt, June 3-6.
- 2006 **Williams LJ**. *Seasons Don't Fear the Reaper: Testing the Solar Arc Hypothesis at Kellis 2 Cemetery, Dakhleh, Egypt*. Poster presented at Society for American Archaeology, San Juan, Puerto Rico, April 26-30.
- 2005 **Williams LJ**, Hewitt BR, Wheeler SM, White CD, Dickson P, Goodfellow S, MacLellan E and Olsen K. *Bioarchaeology Redux: A Holistic Approach to the Study of Biological Materials*. Paper presented at Canadian Association for Physical Anthropology, Winnipeg, MB, November 2-5.
- 2005 Wheeler SM, **Williams LJ**, Dupras TL, Tocheri MW and Molto JE. *The Children of Kellis 2: Bioarchaeology of a Roman Period Cemetery in Dakhleh, Egypt*. Paper presented at Canadian Association for Physical Anthropology, Winnipeg, MB, November 2-5.
- 2004 **Williams LJ** and Dupras TL. *Mortuary Mixing: Evidence of Body Treatment at a Roman-Early Christian Cemetery*. Paper presented at Canadian Association for Physical Anthropology, London, ON, October 23-26.
- 2004 Cross A, Wheeler SM, **Williams LJ**, Beauchesne P, Marciano LD, Powlowski A and Metcalfe JZ. *The UWO Mummy Project: The Students' Perspective on Multidisciplinary Approaches to Applied Research*. Poster presented at Canadian Association for Physical Anthropology, London, ON, October 23-26.

## NATIONAL CONFERENCE PRESENTATIONS

- Initial and subsequent author listing based on level of contribution or application to project
    - ♦ Indicates co-authorship with current or former UCF student
    - ★ Indicates co-authorship with student collaborator
- 2020 ♦Hammond S, and **Williams L**. *Determining Patterns of Diet Domestication through Trace Element Analysis*. Poster accepted at the UCF Showcase for Undergraduate Research Excellence, Orlando, FL, April 02. (Conference canceled)
- 2019 ♦Biernaski A, and **Williams L**. *The Sensitive Camel and the Wishing Troll: Paint Chips Redefining Arbitrary Categories of Skin Pigmentations in Anthropological Education*. Poster presented at the 88<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Atlanta, GA, March 27-30.
- 2019 ♦Labbe M, and **Williams L**. *Discriminant Function Analysis of Carpals from Pre-Classic to Spanish Colonial Period Maya Sites in Belize*. Poster presented at the UCF Showcase for Undergraduate Research Excellence, Orlando, FL, April 04.
- 2018 ♦East K, **Williams L**, and Greff MJE. *Exploring Death and Dying: Investigations of Archaeological Hair Cortisol Concentrations in Individuals from Kellis, Egypt*. Paper presented at the 87<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Austin, TX, April 11-14.
- 2016 ♦Gomez M, **Williams L**, and Sinelli P. *Analysis of Collagen Extraction from Bahamian Hutia to Determine Domestication Patterns*. Poster presented at the UCF Showcase for Undergraduate Research Excellence, Orlando, FL, April 06.
- 2016 Bleuze MM, Wheeler SM, **Williams LJ**, and Dupras TL. *Growth of the Pectoral Girdle in a Sample of Juveniles from the Kellis 2 Cemetery, Dakhleh Oasis, Egypt*. Poster presented at the 41<sup>st</sup> Annual Meeting of the Human Biology Association, Atlanta, GA, April 13-14.

- 2016 ♦East KE, Dupras TL, **Williams L**, and Wheeler SM. *Better with Age: Diet and Social Identity of the Elderly at Kellis, Egypt Through Stable Isotope Analysis*. Poster presented at the 85<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Atlanta, GA, April 13-16.
- 2015 ♦Gomez M, **Williams L**, and Sinelli P. *Collagen Extraction for Stable Isotope Analysis of Hutia Bone to Determine Its Role in Indigenous Agricultural Development*. Poster presented at the UCF Showcase for Undergraduate Research Excellence, Orlando, FL, April 07.
- 2015 **Williams LJ**, and Masségia J. *Tending the Vines: Biomechanical Evidence of Laterality and Gendered Labor Division in Viticulture at Pessinus, Turkey*. Poster presented at the 80<sup>th</sup> Annual Meetings of the Society for American Archaeology, San Francisco, CA. April 15-19.
- 2015 Wheeler SM, **Williams LJ**, and Dupras TL. *Death at Birth: Changing Mortuary Practices from the Late Ptolemaic to the Romano-Christian Period in Egypt*. Paper presented at the 80<sup>th</sup> Annual Meetings of the Society for American Archaeology, San Francisco, CA. April 15-19.
- 2015 ♦Page KE, Dupras TL, Jankauskas R, **Williams LJ**, and ♦Eleazer CD. *Deviance in Youth: Anomalous Nitrogen and Carbon Isotopic Values among Individual Subadults at Medieval Alytus, Lithuania*. Poster presented at the 80<sup>th</sup> Annual Meetings of the Society for American Archaeology, San Francisco, CA. April 15-19.
- 2015 **Williams LJ**, and Masségia J. *Tending the Vines: Biomechanical Evidence of Laterality and Gendered Labor Division in Viticulture at Pessinus, Turkey*. Paper presented at the 84<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, St. Louis, MO, March 25-29.
- 2015 Dupras TL, ♦East K, Sheldrick P, **Williams LJ**, and Wheeler SM. *Two Possible Cases of Rheumatoid Arthritis from the Dakhleh Oasis, Egypt*. Poster presented at the 84<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, St. Louis, MO, March 25-28.
- 2015 ♦Schotten K, Dupras TL, Jankauskas R, **Williams LJ**, ♦Holder S, and Schultz J. *The Crypt People from the Cathedral Basilica of Saint Stanislaus and Vladislaus, Vilnius, Lithuania: Reconstruction of Life Histories Using Stable Isotope Analysis*. Poster presented at the American Association of Physical Anthropology Annual Meeting, St. Louis, MO, March 25-29.
- 2015 ♦Page KE, Dupras TL, Jankauskas R, **Williams LJ**, ♦Eleazer CD, Schultz JJ, and Wheeler SM. *Changes Between Femoral to Humeral Nitrogen and Carbon During Growth from a Sample of Subadults at Alytus, Lithuania*. Poster presented at the 84<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, St. Louis, MO, March 25-29.
- 2015 ♦Meyers PL, ♦Humbert L, Schultz JJ, and **Williams LJ**. *A Preliminary Study for Estimating Postmortem Interval of Fabric Degradation in Central Florida*. Poster presented at the 67<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences, Orlando, FL, February 16-21.
- 2014 ♦Whitmore KM, Dupras T, **Williams L**, Jankauskas R, and Schultz J. *Eating Like a Catholic? The Use of Carbon and Nitrogen Isotope Analysis of Bone and Dentin Collagen from Medieval Alytus, Lithuania to Assess the Incorporation of Marine Resources*. Poster presented at the 79<sup>th</sup> Annual Meeting of the Society for American Archaeology, Austin, TX, April 23-27.
- 2013 ♦Norris AL, **Williams L**, Dupras T, and Wheeler S. *Age as a Factor in Inter-tissue Spacing of Stable Carbon Isotopes in Juvenile Human Remains*. Poster presented at the 82<sup>nd</sup> Annual Meeting of the American Association of Physical Anthropologists. Knoxville, TN, April 11-13.

- 2013 ♦Walter B, **Williams LJ**, Dupras TL, Sheldrick P, ★VanThuyne B, Wheeler SM, and Willems H. *Too Much Macro, Not Enough Micro, and No Radiography at All: An Object Lesson in Characteristics of Differential Diagnosis of Breast Cancer from Ancient Egypt*. Poster presented at the 40<sup>th</sup> Annual Meeting of the Paleopathology Association, Knoxville, TN, April 9-10.
- 2013 Dupras TL, **Williams L**, Sheldrick P, ♦Walter B, ★VanThuyne B, Wheeler SM, Willems H. *Breast Cancer in Antiquity? Differential Diagnosis of Two Cases from Ancient Egypt*. Paper presented at the 40<sup>th</sup> Annual Meeting of the Paleopathology Association, Knoxville, TN, April 9-10.
- 2013 ♦Branson J, **Williams LJ**, Dupras TL, and Wheeler SM. *Desert Rehydration: Testing Histological Field Methodology of Mummified Tissues from Dakhleh Oasis, Egypt*. Poster presented at the 40<sup>th</sup> Annual Meeting of the Paleopathology Association, Knoxville, TN, April 9-10.
- 2013 ♦Stansfield S, Dupras TL, Maboudou E, Wheeler SM, and **Williams LJ**. *Fetal-Pelvic Disproportion and Pelvic Assymetry as a Potential Cause for High Maternal Mortality in the Dakhleh Oasis, Egypt*. Poster presented at the 40<sup>th</sup> Annual Meeting of the Paleopathology Association, Knoxville, TN, April 9-10.
- 2013 ♦Holder SN, Dupras TL, Jankauskas R, and **Williams LJ**. *Famine in the Midst of Retreat: An Isotopic Analysis of Dietary Variation and Starvation in Napoleon's Grand Army*. Poster presented at the 40<sup>th</sup> Annual Meeting of the Paleopathology Association, Knoxville, TN, April 9-10.
- 2013 Dupras TL, **Williams L**, Sheldrick P, ♦Walter B, ★VanThuyne B, Wheeler S, and Willems H. *Breast Cancer in Antiquity? Differential Diagnosis of Two Cases from Ancient Egypt*. Poster presented at the 40<sup>th</sup> Annual Meeting of the Paleopathology Association, Knoxville, TN, April 9-10.
- 2012 ♦Jardin B, Wheeler SM, Dupras TL and **Williams LJ**. *Differential Diagnosis of Temporal Bone Defects in Fetal and Infant Remains from the Kellis 2 Cemetery, Dakhleh Oasis, Egypt*. Poster presented at Paleopathology Association Annual Meeting, Portland, OR, April 9-11.
- 2012 Wheeler SM, ♦Jardin B, Dupras TL and **Williams LJ**. *Differential Diagnosis of Zygomatic Bone Lesions in Fetal and Infant Remains from the Kellis 2 Cemetery, Dakhleh Oasis, Egypt*. Poster presented at Paleopathology Association Annual Meeting, Portland, OR, April 9-11.
- 2011 **Williams LJ**, ♦Norris AL, and Dupras TL. *From Head to Toe: Biomechanical Effects of a Limp Resulting from a Tibial/Fibular Fracture*. Poster presented at Paleopathology Association Annual Meeting, Minneapolis, MN, April 12-13.
- 2011 Dupras TL, Wheeler SM, **Williams LJ**, and Sheldrick P. *Complications of Childbirth: Evidence of Birth Trauma from the Dakhleh Oasis, Egypt*. Poster presented at Paleopathology Association Annual Meeting, Minneapolis, MN, April 12-13.
- 2010 Dupras TL and **Williams LJ**. *The Long and Short of It: An Example of Brachydactyly from Dayr al-Barshā, Egypt*. Paper presented at Paleopathology Association Annual Meeting, Albuquerque, NM, April 13-14.
- 2007 **Williams LJ**. *Mortuary Evidence of Pagan and Christian Ideologies in the Seasonality of Conception, Birth and Death at Dakhleh Oasis*. Paper presented at Society for American Archaeology, Austin, TX, April 25-29.
- 2007 Wheeler SM, Beauchesne P, **Williams LJ** and Molto JE. *Fractured Childhood: A Probable Case of Child Abuse from Dakhleh Oasis, Egypt*. Poster presented at Society for American Archaeology, Austin, TX, April 25-29.

- 2007 **Williams LJ.** *Reducing Growth Cycle Error in Isotopic Analysis of Hair Segments Using Tissue Rehydration and Phase Identification.* Paper presented at American Association of Physical Anthropologists, Philadelphia, PA, March 27-20.
- 2001 Dupras TL and **Williams LJ.** *This Little Piggy Never Made it to Market! Simulated Crime Scenes in Forensic Anthropology.* Poster presented at American Academy of Forensic Science, Seattle, WA, February 19-24.

## ADMINISTRATIVE REPORTS AND WHITE PAPERS

- Initial and subsequent author listing based on level of contribution or application to project
- 2016 Barber SB, Dupras TL, **Williams LJ**, Reyes-Foster BM and Matejowski T. *Request to Offer New Degree Program: PhD in Integrative Anthropological Sciences.* White paper submitted to the University of Central Florida's board of Trustees.

## FIELD AND LABORATORY RESEARCH

### Project Affiliations:

\* Indicates direct supervision and mentoring of UCF undergraduate and graduate student research

- 2017- current \***Satala/Tios Archaeological Project** (Bartın Üniversitesi, Turkey)  
Lead Researcher for Bioarchaeology Team
- Directed tomb and cemetery excavations and field analysis of human and zooarchaeological remains
- 2016 - current \***Lamanai Archaeological Project, Belize** (University College London, UK)  
Laboratory Co-Director and Bioarchaeology Research Co-Coordinator
- Manage Maya Archaeological Skeletal Collection (MASC) curated at University of Central Florida and conduct field research at regional sites
- 2008 - current \***Dayr al-Barshā Mission, Egypt** (Katholieke Universiteit Leuven, Belgium)  
Co-Director of Bioarchaeology Team
- Oversee field analysis of human mummified and skeletal remains
- 2007 - current \***Amheida Archaeological Project, Egypt** (New York University, USA)  
Researcher on Bioarchaeology Team
- Conduct field excavations of tombs and cemeteries and analysis of human mummified and skeletal remains
- 2007 - current \***Dakhleh Oasis Project, Egypt** (University of Central Florida, USA)  
Excavation Director of Bioarchaeology Team
- Direct field excavations of tombs and cemeteries and analysis of human mummified and skeletal remains
- 2016 - 2017 **Airaglin Gozor Site Project, Mongolia** (Mongolian National Museum)  
Bioarchaeology Field Researcher for Dr. Odbaatar Tserendorj
- Conducted tomb excavations and museum analysis of human remains
- 2012 - 2014 \***Pessinus Archaeological Project, Turkey** (University of Melbourne, Australia)  
Bioarchaeology Team Project Director
- Directed tomb and cemetery excavations and field analysis of human remains

- 2003 - 2008 **Forensic Archaeology UWO** (University of Western Ontario, USA)  
Field Researcher for Dr. Michael Spence
- Assisted with search, archaeological recovery, autopsy, and skeletal analysis
- 1998 - 2001 **Caracol Archaeological Project, Belize** (University of Central Florida, USA)  
Field Researcher for Dr. Arlen Chase
- Assisted with excavation, artifact and skeletal analysis, and field reports

Field Research:

\* Indicates current or former UCF student presence in field and lab research

- 2019 \***Dayr al-Barshā, Egypt:** Osteological analysis of skeletal remains recovered from Middle Kingdom and Romano-Christian cemeteries (February)
- 2018 \***Dayr al-Barshā, Egypt:** Osteological analysis of skeletal remains recovered from 3<sup>rd</sup> Dynasty burials and Middle Kingdom and Romano-Christian cemeteries (February)
- 2017 \***Tios, Turkey:** Osteological analysis of human and faunal skeletal remains recovered from Byzantine church and kitchen, and Late Bronze Age and Roman tumuli (June-July)
- 2017 \***Dayr al-Barshā, Egypt:** Osteological analysis of skeletal remains recovered from 3<sup>rd</sup> Dynasty burials and Middle Kingdom and Romano-Christian cemeteries (March)
- 2016 **Orkhon Valley, Mongolia:** Excavation and osteological analysis of skeletal remains from Khanate tumuli (June-July)
- 2013 \***Pessinus, Turkey:** Excavation and osteological analysis of skeletal remains from Roman and Phrygian cemeteries (July-August)
- 2013 \***Dayr al-Barshā, Egypt:** Osteological analysis of skeletal remains recovered from 3<sup>rd</sup> Dynasty burials and Old Kingdom cemeteries (March)
- 2013 **Amheida, Egypt:** Excavation and osteological analysis of skeletal remains from early Christian church crypts (January)
- 2013 \***Dakhleh Oasis, Egypt:** Osteological analysis of mummified and skeletal remains from Kellis 2 cemetery (December)
- 2012 \***Dayr al-Barshā, Egypt:** Osteological analysis of skeletal remains recovered from 3<sup>rd</sup> Dynasty burials and Old Kingdom cemeteries (March)
- 2011 \***Dakhleh Oasis, Egypt:** Survey, excavation and osteological analysis of skeletal remains from Kellis 2 cemetery (December-January)
- 2010 **Dayr al-Barshā, Egypt:** Osteological analysis of skeletal remains recovered from Early Dynastic burials and Old Kingdom cemeteries (April)
- 2009 **Dayr al-Barshā, Egypt:** Osteological analysis of skeletal remains recovered from Early Dynastic burials, Old Kingdom and 1<sup>st</sup> Intermediate Period cemeteries (March)
- 2008 **Dayr al-Barshā, Egypt:** Osteological analysis of skeletal remains recovered from two Middle Kingdom cemeteries (April)
- 2007 **Dakhleh Oasis, Egypt:** Excavation and osteological analysis of skeletal remains from Kellis 2 cemetery (November-December)
- 2007 **Dayr al-Barshā, Egypt:** Osteological analysis of skeletal remains recovered from Intermediate Period tombs and two Middle Kingdom cemeteries (March-April)

- 2006 **Dakhleh Oasis, Egypt:** Osteological analysis of skeletal remains and curation of Kellis 2 cemetery skeletal collection (November-December)
- 2006 **Dayr al-Barshā, Egypt:** Osteological analysis of skeletal remains and faunal materials recovered from two Middle Kingdom cemeteries (March-April)
- 2005 **Dakhleh Oasis, Egypt:** Osteological analysis of skeletal remains from Kellis 2 cemetery (November-December)
- 2004 **Dakhleh Oasis, Egypt:** Excavation and osteological analysis of skeletal remains from Kellis 2 cemetery (November-December)
- 2003 **Dakhleh Oasis, Egypt:** Excavation and osteological analysis of skeletal remains from Kellis 2 cemetery (November-December)
- 2002 **Dakhleh Oasis, Egypt:** Osteological analysis of skeletal remains from Kellis 2 cemetery (November-December)
- 2002 **University of Central Florida, USA:** National Science Foundation Grant “Biomechanical Modeling Applications to Forensic Estimation of Time Since Death”
- Field excavation and research assistant for Dr. Tosha Dupras (March-November)
- 2001 **Caracol Archaeological Project, Belize:** Directed excavations of palace group architecture and associated midden; laboratory artifact and osteological analysis; illustration and photography of small artifacts (February-March)
- 1999 **Caracol Archaeological Project, Belize:** Directed excavations of tomb and plaza group architecture; laboratory artifact analysis; illustration and photography of ceramics and small artifacts (February-March)
- 1998 **Caracol Archaeological Project, Belize:** Excavations of tomb and residential group architecture; laboratory artifact analysis; illustration and photography of small artifacts (February-March)

Laboratory Research:

\* Indicates direct supervision and mentoring of UCF undergraduate and graduate student research

- 2017 - current **\*Trace Element Laboratory Working Group**  
National Center for Forensic Science, University of Central Florida, USA
- Conduct isotopic and trace element research on human tissues
- 2010 - current **\*Laboratory for Bioarchaeological Sciences**  
Department of Anthropology, University of Central Florida, USA
- Conduct isotopic, histological, and materials sourcing research; training and mentoring of undergraduate, MA and PhD students in lab analysis
- 2015 - 2017 **Peer Breast Milk Sharing Practices in the Greater Orlando Metropolitan Area**  
Collaborative partners: B. Reyes-Foster (UCF Department of Anthropology), S.K. Carter (UCF Department of Sociology), S. Naser (UCF College of Medicine), R. Blair (Blair Research Group)
- Analyzed microbiological and chemical composition of shared human breast milk
- 2008 - 2009 **Visiting Research Scholar** (December, June-August)  
Department of Archaeology, Katholieke Universiteit Leuven, Belgium
- Collaboration with Dayr al-Barshā Mission for materials analysis

- 2006            **Laboratory for Stable Isotope Analysis** (May-July)  
Department of Anthropology, University of Western Ontario, Canada
- Conducted isotopic analysis of Peruvian textiles and animal furs
- 2006            **Visiting Research Assistant** (July)  
Department of Geography, Louisiana State University, USA
- Osteological analysis of skeletal remains from Belize
- 2005 - 2007    **Research Assistant**  
London Museum of Archaeology, London, ON, Canada
- Osteological analysis of the Roffelsen Site burials with Dr. Michael Spence
- 2003 - 2008    **Laboratory for Stable Isotope Analysis**  
Department of Anthropology, University of Western Ontario, Canada
- Conducted isotopic analysis of human and non-human remains

## **DISSERTATION / THESIS / RESEARCH MENTOR COMMITTEES**

### PhD Degrees in Progress:

- Chelsea Daws        Department of Anthropology, University of Central Florida  
*Cultivating Green City Spaces: An Anthropological Assessment of Land Use and Residential Experiences in Metro-Orlando Community and Home Gardens*  
**(Committee member)**
- Kaitlin East         Department of Anthropology, McMaster University, Ontario  
*Archaeological Investigations of Hair Cortisol Concentrations: Exploring Stress, Health, and Inequality* **(External reviewer)**

### Master Degrees in Progress:

- Allison Apland       Department of Anthropology, University of Central Florida  
*Determining Diet and Social Heterogeneity at Plinkagalis Using Stable Isotope Analysis* **(Committee member)**
- Emily Barron        Department of Anthropology, University of Central Florida  
*Elemental Analysis of Hair as a Biomarker of Alzheimer's Disease in the Kellis 2 Cemetery in the Dakhleh Oasis, Egypt*  
**(Co-Chair)**
- Kimberly Batres     Department of Anthropology, University of Central Florida  
*Paleoethnobotanical Analysis of Maya Ceramic Residues from Holtun, Guatemala*  
**(Committee member)**
- Krystina Ceuninck   Department of Anthropology, University of Central Florida  
*Nutritional and Dietary Effects on Menopause among Women from the Kellis 2 Cemetery in the Dakhleh Oasis, Egypt* **(Co-Chair)**
- Melissa Gomez      Department of Anthropology, University of Central Florida  
*FRUITS in Dakhleh: Isotopic and Bayesian Mixed-Model Reconstruction of Food Source Contributions and Diet at Kellis 2 Cemetery in the Dakhleh Oasis, Egypt*  
**(Chair)**
- Austin Jacobs        Department of Anthropology, University of Central Florida  
*Evaluation of Migration at Sai Island, Nubia* **(Committee member)**

- Michelle Labbe Department of Anthropology, University of Central Florida  
*Taphonomic Differences in Localized Environmental Degradation of Animal Bone Models (Co-chair)*
- Lindsey Lefebvre Department of Anthropology, University of Central Florida  
*Dental Variation in Individuals from the Maya Preclassic through Postclassic at Lamanai, Belize (Co-chair)*
- Rachel Whyte Department of Anthropology, University of Central Florida  
*Working Toward a Lost Cause? Comparing Handheld XRF Analysis to Neutron Activation Analysis and Petrography Using Maya Ceramics from Holtun, Guatemala (Committee member)*

Completed Master Degrees:

- 2020 Lauren Friedman, Department of Anthropology, University of Central Florida  
*Stage Dives and Shared Mics: Ethnographic Perspectives on Community and Networking in the Central Florida Punk Rock Scene (Committee member)*
- Danielle Young, Department of Anthropology, University of Central Florida  
*Paleoethnobotanical Analysis of Starch Grains and Phytoliths from Pre-Columbian Ceramic Residues in the Bolivian Amazon (Committee member)*
- 2019 Adam Biernaski, Department of Anthropology, University of Central Florida  
*Utilizing Geographic Information Systems to Record and Analyze Osteoarthritis Data in Joints of the Arm: A Methodology for Dry Bones (Committee member)*
- Ryan Enger, Department of Anthropology, University of Central Florida  
*Analyzing Pre-Inhumation Breakage Ceramics at Lamanai, Belize: A Conjunctive Approach (Committee member)*
- Jaime Rogers, Department of Anthropology, University of Central Florida  
*Evaluation of Coastal Subsistence and Climate at the Bayshore Homes Site, Florida (Committee member)*
- Tyler Van Buren, Department of Anthropology, University of Central Florida  
*Non-thesis graduate (Committee member)*
- 2018 Georgina Chasse, Department of Anthropology, University of Central Florida  
*Investigations of Possible Cases of Scurvy in Juveniles from the Kellis 2 Cemetery in the Dakhleh Oasis, Egypt, Through Stable Carbon and Nitrogen Isotopic Analysis of Multiple Tissues (Committee member)*
- Michelle Hawkins, Department of Anthropology, University of Central Florida  
*Assessment of Trace Elements Distribution in Teeth Utilizing a Sample Group from Postclassic Lamanai: The Application of LA-ICP-MS in Bioarchaeology and Forensics (Committee member)*
- Emily Herrington, Department of Anthropology, University of Central Florida  
*Cafeteria Culture: An Anthropological Approach to Lunchtime in a Central Florida Elementary School (Committee member)*
- Victoria Izzo, Department of Anthropology, University of Central Florida  
*Revisiting the Postclassic Burials at Lamanai, Belize: A Second Look at the Unique Ventrally-Places, Legs Flexed Burials (Co-chair)*
- Tiffany Lee, Department of Anthropology, University of Central Florida  
*Trace Element Analysis of Human Dentition from the Elite Meroitic Cemetery at Sedeinga, Sudan, Nubia (Committee member)*

Paige Paulsen, Department of Anthropology, University of Central Florida  
*The Spatial Distribution of Tumuli in the Iron Age Kanak Su Basin, Turkey* (**Committee member**)

Elizabeth Peabody, Department of Anthropology, University of Central Florida  
*Making an Impression: A Formal Analysis of the Contextual and Iconographic Characteristics of Ancient Mexican Ceramic Stamps* (**Committee member**)

Elisha Tisdale, Department of Anthropology, University of Central Florida  
*A Preliminary Assessment of Steroid Reproductive Hormones in Archaeological human Hair Utilizing a Modified Enzyme-Linked Immunoabsorbent Assay (ELISA) Technique* (**Co-chair**)

2017 Kathleen Cole, Department of Anthropology, University of Central Florida  
*Intrinsic Factors Affecting Decomposition Changes in Archaeological Head Hair from Kellis 2 Cemetery, Dakhleh Oasis, Egypt* (**Co-chair**)

Chelsea Daws, Department of Anthropology, University of Central Florida  
*An Anthropological Study of Eating Perspectives, Meal Composition, and Food Choices Among Diverse Student Populations* (**Committee member**)

Dylan Fehribach, Department of Anthropology, University of Central Florida  
*Crafting Craft Beer Brands: An Examination of Identity, Community, and Growth in Orlando Craft Breweries* (**Committee member**)

2016 Patricia Meyers, Department of Anthropology, University of Central Florida  
*Bioarchaeological Investigations of the Red House Archaeological Site, Port of Spain, Trinidad: A Pre-Columbian Mid-Late Ceramic Age Caribbean Population* (**Committee member**)

Elizabeth Mills, Department of Anthropology, University of Central Florida  
*An Investigation of the Biomechanical Implications of Lower Limb Fractures and Leg Length Disparity.* (**Co-chair**)

Alex Mitchell, Department of Anthropology, University of Central Florida  
*Tree Cover Influences on Scavenging and Decomposition in Subtropical Climate of Central Florida* (**Committee member**)

Jaclyn Rumberger, Department of Anthropology, University of Central Florida  
*Diet and migration in Coastal Oaxaca: Identifying Effects of Political and Social Collapse through Utilization of Stable Isotope Analysis* (**Committee member**)

Abigail Woltering, Department of Anthropology, University of Central Florida  
*Evaluation of Trace Elements in Hair for Use In Sex Identification of Human Remains* (**Co-chair**)

2015 Katie East, Department of Anthropology, University of Central Florida  
*Exploring Social Identity through Stable Isotope Analysis in the Kellis 2 Cemetery* (**Committee member**)

Ariana Gugora, Department of Anthropology, University of Central Florida  
*Childhood Diet and Mobility at Medieval (1240s) Solt-Tetelhegy, Hungary as Reconstructed from Stable Carbon, Nitrogen, and Oxygen Isotopes Analysis* (**Committee member**)

Kaylee Schotten, Department of Anthropology, University of Central Florida  
*The Crypt People from the Cathedral Basilica of Saints Stanislaus and Vladislaus, Vilnius, Lithuania: Reconstruction of Life Histories Using Stable Isotope Analysis* (**Committee member**)

Ashley Green, Department of Anthropology, University of Central Florida  
*An Examination of the Progression of Fracture Propagation in Long Bones During the Postmortem Period in Central Florida* (**Committee member**)

Mikayla Overholtzer, Department of Anthropology, University of Central Florida  
*Histological Analysis of Bacterial and Fungal Taphonomic Progression in Long Bones During the Postmortem Period in Central Florida (Committee member)*

- 2014 Katherine Page, Department of Anthropology, University of Central Florida  
*Bioarchaeological Assessment of Diet and Changes in Femoral and Humeral Stable Isotope Values among Subadults at Medieval Alytus, Lithuania (Committee member)*

Katie Whitmore, Department of Anthropology, University of Central Florida  
*Diet at Medieval Alytus, Lithuania: Stable Carbon and Nitrogen Isotope Analysis of Bone and Dentin Collagen (Committee member)*

Sheila Mercado, Department of Anthropology, University of Central Florida  
*Non-thesis graduate (Committee member)*

- 2013 Jennifer Branson, Department of Anthropology, University of Central Florida  
*Evaluation of a Field Histology Technique and Its Use in Histological Analyses of Mummified Tissues from Dakhleh Oasis, Egypt (Committee member)*

Samantha Holder, Department of Anthropology, University of Central Florida  
*Diet at Interpreting Diet and Nutritional Stress in Napoleon's Grand Army Using Stable Carbon and Nitrogen Isotope Analysis (Committee member)*

Jordon Munizzi, Department of Anthropology, University of Central Florida  
*Changes in Neolithic Subsistence Patterns on Flores, Indonesia Inferred by Stable Carbon, Nitrogen, and Oxygen Isotope Analyses of Sus from Liang Bua (Committee member)*

Don Persaud, Department of Anthropology, University of Central Florida  
*Gender Differences and Fast Food Preferences among US College Students (Committee member)*

Sarah Stansfield, Department of Anthropology, University of Central Florida  
*Fetal-Pelvic Disproportion and Pelvic Asymmetry as a Potential Cause for High Maternal Mortality in Archaeological Populations (Committee member)*

- 2012 Noel Johns, Department of Anthropology, University of Central Florida  
*Stable Isotopes and Multiple Tissues Analysis: Reconstructing Life Histories for Individuals from the Dakhleh Oasis, Egypt (Committee member)*

Annie Laurie Norris, Department of Anthropology, University of Central Florida  
*Age as a Factor in Inter-Tissue Spacing of Stable Carbon Isotope Values in Subadult Human Remains from Dakhleh Oasis, Egypt (Committee member)*

- 2011 Heba Abd El Salam, Department of Anthropology, University of Central Florida  
*Using Geographic Information Systems (GIS) in Spatial Analysis of Mortality Practices in the Kellis 2 Cemetery, Dakhleh Oasis, Egypt (Committee member)*

Completed Graduate RAMP (Research and Mentoring Program) Projects:

- 2020 Melissa Gomez, Department of Anthropology, University of Central Florida  
Graduate Project: *Evaluating Diet in the Bahamian Hutia Lifecycle: Evidence of Domesticated Rearing or Capture? (Co-chair)*

Completed Undergraduate RAMP (Research and Mentoring Program) Projects:

- 2017 Melissa Gomez, Department of Anthropology, University of Central Florida  
Undergraduate Project: *Stable Isotope Analysis of Bahamian Hutia to Determine Patterns of Domestication and Indigenous Agricultural Development (Co-chair)*
- **1<sup>st</sup> place** 2016 and 2017 UCF Showcase of Undergraduate Research Excellence

Completed Undergraduate McNair Research Projects:

- 2020 Stefanie Hammond, Department of Anthropology, University of Central Florida  
Undergraduate Project: *Evaluating Applications of LA-ICP-MS and Stable Isotope Analyses to Dietary and Toxicity Monitoring through Primate Hair (Chair)*

Completed Honor's Thesis (Major):

- 2019 Michelle Labbe, Department of Anthropology, University of Central Florida  
*Sex Determination Using Discriminant Function Analysis of Carpals from Pre-Classical to Spanish Colonial Period Maya Sites in Belize (Chair)*
- **Judges Choice Distinction** 2019 UCF Showcase of Undergraduate Research Excellence
- 2018 Krystina Ceuninck, Department of Anthropology, University of Central Florida  
*"Back" to the Future: An Assessment of Morphological Integration and Spinal Deformities (Committee member)*
- Lindsey Lefebvre, Department of Anthropology, University of Central Florida  
*Dental Pathology Frequencies in Maya Juveniles from Altun Ha, Belize from the Preclassic through the Terminal Classic Periods (Committee member)*
- 2016 Jacqueline Devaney, Department of Anthropology, University of Central Florida  
*Attitudes of Mothers and Daughters Towards Menstrual Suppression (Committee member)*
- 2013 Lorraine Humbert, Department of Anthropology, University of Central Florida  
*Scoring Methods for Evaluating Degradation of Fabrics in Florida Soils (Committee member)*

**SERVICE TO UNIVERSITY AND PROFESSION**Grant Reviews:

National Science Foundation (3); Social Sciences and Humanities Research Council of Canada (2); Austrian Science Fund (2)

Journal Manuscript Reviews:

American Journal of Physical Anthropology (7); International Journal of Osteoarchaeology (7); Journal of Archaeological Sciences (3); Journal of Forensic Sciences (3); PLOS One (5); International Journal of Bioarchaeology (6); International Journal of Paleopathology (2); American Antiquity (1); Archaeological and Anthropological Sciences (1)

Textbook Reviews:

University of Toronto Press (2); Rowman & Littlefield (2); Polity Press (1); Oxford University Press (1); Westview Press (1)

Committee Work:

- 2019 - current **Lecturer and Instructor Promotion Committee**  
2014 - 2015 Department of Anthropology, University of Central Florida
- Review dossiers and set recommendation for promotion at department level
- 2018 - current **Trevor Colburn Fund Committee** (Committee Chair 2019-2020)  
Department of Anthropology, University of Central Florida
- Review student research proposal applications and allocate funding for award

- 2018 - current **Student Accessibility Services Faculty Advisory Board**  
Department of Anthropology, University of Central Florida
- Advise on policy, procedures and outreach for student-faculty-classroom technology assistance and accessibility
- 2018 - current **Master Program Curriculum Committee**  
Department of Anthropology, University of Central Florida
- Set policies and procedures and curriculum for Master in Anthropology program
- 2015 - 2017 **Graduate Curriculum Committee**  
Department of Anthropology, University of Central Florida
- Set policies and procedures and curriculum for Master's in Anthropology program
- 2009 **Trexler Library Review Committee**  
Department of Anthropology, Muhlenberg College
- Set policies and procedures, budget, and recommendations for program resources

*Pedagogical Training:*

- 2020 **UCF Summer GEP OER Virtual Bootcamp Faculty Champion**  
General Education Undergraduate Studies, University of Central Florida (May)
- Panel discussant for GEP faculty on creating and publishing open education resources for multi-level enrollment general education courses.
- 2018 **IDL 6543/7000 Program WebPro**  
Center for Distributed Learning, University of Central Florida (February)
- Panel discussant for IDL faculty on assignment transparency and student engagement in online discussions.
- 2016 **IDL 6543 Program WebPro**  
Center for Distributed Learning, University of Central Florida (September)
- Presentation for IDL faculty on course organization and student engagement assignments.
- 2005 - 2008 **Teaching Assistant Training Program**  
UWO Teaching Support Center, University of Western Ontario
- Mentored international graduate teaching assistants with communication and teaching in the Canadian classroom.

*Public Relations:*

- 2019 Featured in "UCF Professor Shares a Woman's Perspective on Military Service" in **Nicholson Student Media Today** (October 10, 2019)
- 2016 Featured in "Artifact: Under Wraps" in **Pegasus: The Magazine of the University of Central Florida** (Spring 2016)
- 2015 Featured guest presentation and Q&A session "Movies and Mummies" at *The Mummy* screening, **Enzian Theatre**, Orlando, FL (February - April)
- 2013 **Jezebel.com** "Summer Was Official F\*\*\* Season for Ancient Egyptians" (May 19)  
<https://jezebel.com/summer-was-the-official-fuck-season-for-ancient-egyptia-508698626>
- 2013 **Live Science** "Cemetery Reveals Baby-Making Season in Ancient Egypt" (May 16)  
<https://www.livescience.com/32078-ancient-egypt-cemetery-reveals-sex-season.html>
- 2009 **derStandard** (Austrian Newspaper) article, "Wenn an Skeletten Knochen fehlen" (In the Absence of Skeletal Bone) (March 31) <http://derstandard.at/1237228872170>

- 2008 **CBC programming** *The Nature of Things: The Adventurer's - Everlasting Oasis* (November 6)
- 2007 **Discovery Channel** segment for the program *Daily Planet*, featuring bioarchaeological research of the Kellis 2 Cemetery, Dakhleh Oasis, Egypt
- 2006 **UWO Gazette** article, "PhDs Author Forensic Text" (February 23)
- 2006 Featured in **Western Alumni Gazette** article, "Weldon Library Gets Makeover" (November 25)
- 2005 **Discovery Channel** segment for the program *Daily Planet*, featuring interdisciplinary research in physiological change during mummification (Fall season)
- 2003 **Discovery Channel** segment for the program *Daily Planet*, featuring interdisciplinary research in forensic science (Spring season)

## SERVICE TO COMMUNITY

### Forensic Archaeology and Skeletal Analysis:

- 2014 **Lake Mary Police Department**, Lake Mary, FL USA
- Assisted in search for human remains associated with missing person investigation
- 2011 **Orange County Sheriff's Department**, Winter Park, FL USA
- Assisted in recovery of human remains associated with missing person investigation
- 2010 **Orange County Sheriff's Department**, Lake Nona, FL USA
- Assisted in search for human remains associated with missing person investigation
- 2009 **City of Allentown Police Department**, Allentown, PA USA
- Identification of human skeletal remains recovered from abandoned warehouse
- 2008 **London Police Service**, London, ON Canada
- Recovery of buried human remains in residential service area
- 2007 **Ontario Provincial Police and Amherstberg Municipal Police**, Amherstberg, ON Canada
- Recovery and examination of buried human remains associated with homicide investigation
- 2007 **St. Thomas Municipal Police**, St. Thomas, ON Canada
- Excavation of fire pit and evidence recovery associated with homicide investigation; assisted with search for burials on rural property
- 2006 **Ontario Provincial Police**, Dutton-Dunwich Township, ON Canada
- Excavation of human remains and evidence recovery associated with homicide investigation
- 2006 **Ontario Provincial Police and OPP Dive Team**, First Nations Territory, Ipperwash, ON Canada
- Assisted in search for additional scattered surface remains based on DNA identification
- 2005 **Ontario Provincial Police and Dive Team, and University Hospital Forensic Pathologist**, First Nations Territory, Ipperwash, ON Canada
- Assisted in search for, autopsy examination and identification of human remains associated with missing persons investigation
- 2005 **Walpole Island Police, Petrolia Municipal Police, Ontario Provincial Police, and University Hospital Forensic Pathologist**, First Nations Territory, Walpole Island, ON Canada
- Recovery, autopsy examination, and identification of human remains associated with homicide investigation

- 2005 **Ontario Provincial Police and OPP Emergency Response Team**, Hanover, ON Canada
  - Assisted in search for human remains associated with missing persons investigation
- 2005 **Ontario Provincial Police and OPP Emergency Response Team**, Usborne Community Township, ON Canada
  - Recovery and examination of human remains associated with homicide investigation
- 2005 **Chatham-Kent Municipal Police and University Hospital Forensic Pathologist**, Chatham-Kent, ON Canada
  - Recovery and autopsy examination of unidentified human remains associated with unmarked cemetery grave
- 2004 **Amherstberg Municipal Police**, Amherstberg, ON Canada
  - Assisted in search for unidentified human remains along Lake Erie shoreline
- 2003 **Ontario Provincial Police**, St. Thomas, ON Canada
  - Assisted in search for human remains associated with a missing persons investigation
- 2003 **Ontario Provincial Police**, Lambeth, ON Canada
  - Recovery and examination of buried human remains
- 2003 **Orange County Sheriff's Office**, Claremont, FL USA
  - Assisted in search for human remains associated with a missing persons investigation
- 2002 **Orange County Sheriff's Office**, Orlando, FL USA –
  - Assisted in examination and identification of human remains from homicide investigation
- 2002 **Sanford Police Department**, Sanford, FL USA
  - Assisted in examination of human remains found in attic
- 2002 **Orange County Sheriff's Office**, Bithlo, FL USA
  - Assisted in search and recovery of human remains associated with homicide investigation
- 2002 **Seminole County Sheriff's Department**, Sanford, FL USA
  - Assisted in search for human remains associated with missing person investigation
- 2001 **Lake Mary Police and Seminole County Sheriff's Office**, Lake Mary, FL USA
  - Assisted in search, recovery and identification of buried human remains associated with homicide investigation
- 2000 **Orange County Sheriff's Office**, Orlando, FL USA
  - Assisted in search for buried human remains associated with homicide investigation

## INVITED LECTURES

- 2020 ***Consuming Ancient Egypt***. Lecture for Archaeology and Pop Culture course at UCF Main Campus, Orlando, FL (February)
- 2017 ***Putting Bioarchaeology to Work for You: Field and Lab Analysis***. Lecture for the Tios Archaeological Project and visiting antiquities dignitaries, Bartin Üniversitesi, Turkey (July)
- 2016 ***Hot Summer Nights in Roman Egypt***. Lecture for the Archaeological Institute of America, Central Florida Chapter, University of Central Florida, Orlando, FL (April)
- 2015 ***Going Out in Style: Beauty Tips from Egypt's Mummies***. Lecture for the Orlando Science Center's UCF Anthropology Speaker Series in conjunction with the *Mummies of the World: The Exhibition*, Orlando, FL (October).

- 2013 ***A Woman's Richest Ornament: Hairstyles and Hair Care in Roman Egypt.*** Lecture for the Florida Public Archaeology Network, Coco Beach, FL (February)
- 2012 ***Commercialization of Culture: Consuming Ancient Egypt.*** Lecture for General Anthropology course at UCF Main Campus, Orlando, FL (October)
- 2011 ***Egyptomania: From King Tut to King Kutz.*** Lecture for Archaeology and Pop Culture course at UCF Main Campus, Orlando, FL (September, recurring invitation through 2017)
- 2011 ***Birth, Death & In Between: Bioarchaeological of Kellis 2 Cemetery, Dakhleh Oasis, Egypt.*** Colloquium Series at University of South Carolina (February)
- 2010 ***Written In Bone: Bioarchaeological & Forensic Analysis of Human Remains.*** Public lecture at Katholieke Universiteit Leuven, Belgium (October)
- 2010 ***Forensic Archaeology in Arson Investigation: A Case Study of the Shedden Eight.*** Lecture for the Florida Fire Investigation Arson Seminar, Orlando, FL (October)
- 2009 ***Reconstructing Lives: Bioarchaeological Analyses at Dayr al-Barshā and the Dakhleh Oasis, Egypt.*** Lecture for the Supreme Council of Antiquities Inspectorate Field School, Cairo, Egypt (March)
- 2008 ***Bioarchaeological Methods and Analysis of Egyptian Mummies.*** Public lecture at Katholieke Universiteit Leuven, Belgium (December)
- 2008 ***From Population to Individual: Bioarchaeology of the Kellis 2 Cemetery, Dakhleh Oasis, Egypt.*** Public lecture at Katholieke Universiteit Leuven, Belgium (October)
- 2007 ***Women and Health in Ancient Egypt: Archaeology of the Public and Private.*** Lecture for Women and Health course at UWO, London, ON (September)
- 2006 ***Collaboration in Anthropological Research: Burdens and Benefits for Everyone!*** Lecture for Debates in Anthropology at UWO, London, ON (October)
- 2006 ***Women and Health in Prehistory: Bioarchaeological Perspectives.*** Lecture for Women and Health course at UWO, London, ON (September)
- 2006 ***Evolution of Evolutionary Theory.*** Lecture for Introduction to Sociocultural Anthropology class at UWO, London, ON (September)
- 2005 ***Graduate Perspective on UWO's Library Services.*** Presentation for Graduate Panel Discussion for UWO Library Staff Sessions, London, ON (August)
- 2005 ***Human Osteology at the Rofflesen Site.*** Lecture for London Museum of Archaeology, First Nations Summer Camp, London, ON (July)
- 2005 ***Life on the Fringe: Fieldwork in the Dakhleh Oasis, Egypt.*** Lecture for General Anthropology course at UCF, Orlando, FL (June)

## EDUCATION OUTREACH

- 2020 ***Let's Dig.*** Educational activity tables at the UCF Creative School, Orlando, FL (September)
- 2018 ***Let's Dig.*** Educational activity tables at the UCF Creative School, Orlando, FL (March)
- 2010 ***Bones, Stones and Isotopes.*** Public open house lecture and activity table for Darwin Day at the DaVinci Science Center, Allentown, PA (February)
- 2008 ***Evolution of the Thumb.*** Public open house lecture and activity table for Darwin Day at the DaVinci Science Center, Allentown, PA (February)

- 2005 ***Unwrap the Mystery of Mummies: Forensic Science and the Past.*** Lecture for Masonville Public School Grade 4 and Grade 5 classes, London, ON (November)
- 2005 ***Life in Ancient Egypt: An Introduction to Lady Hudson.*** Lecture for UWO's University Laboratory Preschool, London, ON (May)
- 2005 ***Growing Up in Ancient Egypt: Everyday Life in 1000 B.C.*** Lecture for Lord Roberts Public School Grade 5 class, London, ON (February)
- 2004 ***An Introduction to Physical Anthropology.*** Lecture for Canadian Association for Girls in Science, London, ON (June)
- 2002 ***Archaeology Is Everywhere.*** History Around Us Invitational Lecture Series for community schools sponsored by the Orange County Historical Society, Orlando, FL (October)
- 2002 ***An Introduction to Forensic Anthropology and Archaeology.*** Future Occupations Invitational Lecture Series at Titusville Public High School, Titusville, FL (April)
- 2001 ***What Do Archaeologists Do?*** Experience Art Invitational Lecture Series for Summer Art Camp at the Orlando Museum of Art, Orlando, FL (June)

## PROFESSIONAL DEVELOPMENT IN TEACHING

- 2019 Completed **UCF Faculty Development GEP Refresh Program**  
College of Undergraduate Studies, University of Central Florida (September-November)
- Implementing new integrative/inclusive learning outcomes for general education program
- 2018 Completed **Faculty Seminar: Leveraging Open Education Resources**  
Center for Distributed Learning, University of Central Florida (June 19)
- Locating, implementing and customizing OER for improving student learning experience
- 2018 Completed the **UCF Summer Faculty Development Conference**, Active Learning in GEP  
Faculty Center for Teaching and Learning, University of Central Florida (May 7-10)
- Seminar workshop for developing and implementing active learning strategies in courses
- 2018 Completed **IDL7000 Advanced Faculty Professional Development in Teaching Online**  
Center for Distributed Learning, University of Central Florida (January - April)
- Advanced instruction for enhancing and expanding online / online blended courses
- 2018 Completed the **FCTL Spring Course Innovation Project**, Learning Transparency  
Faculty Center for Teaching and Learning, University of Central Florida (January - April)
- Seminar workshop for developing and implementing learning transparency in courses
- 2017 Completed **Faculty Seminar: Projecting Your Online Persona via Video**  
Center for Distributed Learning, University of Central Florida (September 15)
- Increase awareness on fostering professor's social presence in online courses
- 2017 Completed **Faculty Seminar: Extending the Efficacy of the Learning Management System**  
Center for Distributed Learning, University of Central Florida (February 14)
- Use and integration of external tools in online courses
- 2016 Completed **Faculty Seminar: Promoting Flexible Learning Opportunities in Online Courses**  
Center for Distributed Learning, University of Central Florida (June 09)
- Use and integration of Universal Design for Learning (UDL) framework

- 2015 Completed **Faculty Seminar: Creating and Sustaining Effective Online Discussions**  
Center for Distributed Learning, University of Central Florida (November 4)
- Effective design, implementation and assessment of online discussions
- 2015 Completed the **Spring Writing Across the Curriculum Fellows Faculty Training Program**  
UCF Main Campus (January – April)
- Redesign and alignment of learning outcomes for undergraduate biological track
- 2015 Completed **Faculty Seminar: Strategies to Encourage Academic Integrity in Online Exams**  
Center for Distributed Learning, University of Central Florida (March 18)
- Resources for encouraging academic honesty in exam design and implementation
- 2012 Completed **IDL6543 Faculty Professional Development in Teaching Online**  
Center for Distributed Learning, University of Central Florida (August - November)
- Instruction for development and delivery of online / online blended courses
- 2008 Completed **Blackboard Learning Management System Online Development**  
Faculty Support Center, Muhlenberg College (August - September)
- Instruction for development and delivery of online support for face-to-face courses
- 2005 Completed **GS500 Theory and Practice of University Teaching**  
Teaching Support Centre, University of Western Ontario (September-December).
- Instruction for pedagogy of learning and application in teaching practice
- 2001 Completed **Graduate Teaching Assistant Orientation and Training**  
Faculty Center for Teaching and Learning, University of Central Florida (July)
- Instruction for pedagogy of learning and role of graduate teaching assistant

## **COURSES TAUGHT**

### UCF Graduate:

ANG 5228	Maya Iconography	Face-to-face / online blended
ANG 5531	Nutritional Anthropology	Face-to-face
ANG 6002	Professionalism in Anthropology	Face-to-face / online blended
ANG 6587	Seminar in Biological Anthropology	Face-to-face / online blended
ANG 6821	Forensic Archaeology Field Methods	Face-to-face / online blended / field lab
ANG 6930	Seminar in Cultural Anthropology	Face-to-face

### UCF Undergraduate - Biological / Archaeology Focus:

ANT 2140	Archaeology and Rise of Human Culture	Face-to-face / online blended
ANT 2511	The Human Species	Face-to-face / online blended / online
ANT 3026	Anthropology of the Undead	Online blended
ANT 3107	Blood and Valor in the Viking World	Online
ANT 3145	Archaeology of Complex Societies	Online
ANT 3148	Life and Death in Ancient Egypt	Online
ANT 3541	Biobehavioral Anthropology	Face-to-face
ANT 4027	Mummies: Life After Death	Online blended
ANT 4183	Archaeological Sciences	Face-to-face
ANT 4462	Medical Anthropology	Online blended
ANT 4467	Nutritional Anthropology	Face-to-face / online blended / online
ANT 4516	Human Biological Diversity	Online
ANT 4586	Human Origins	Online

UCF Undergraduate - General / Cultural Focus:

ANT 2000	General Anthropology	Face-to-face / online blended
ANT 2410	Cultural Anthropology	Face-to-face / online blended
ANT 3212	Peoples of the World	Face-to-face / online blended / online
ANT 3302	Sex, Gender and Culture	Face-to-face / online blended
ANT 4034	History of Anthropological Thought	Online
ANT 4340	Caribbean Cultures	Online blended

Undergraduate External to UCF:

ANT 1500	Cornerstone: Archaeology and iPods	Face-to-face
ANT 1505	Cornerstone: Living Cemeteries	Face-to-face
ANT 2000	Ancient Civilizations	Face-to-face
ANT 2051	Intro to Biological Anthropology	Face-to-face
ANT 3200	Forensic Anthropology	Face-to-face / field labs
ANT 3515	Demography and Behavior	Face-to-face
ANT 3520	Archaeology of Food	Face-to-face
ANT 3580	Ancient Mesoamerica	Face-to-face
ANT 3815	Archaeology Method and Theory	Face-to-face / field labs
ANT 4030	Human Osteology	Face-to-face / class labs
ANT 4050	Mortuary Archaeology	Face-to-face

Professional Continuing Education Instruction:

Forensic Anthropology for Criminal Investigators	Face-to-face / field labs
Forensic Recovery for Law Enforcement	Face-to-face / field labs
Forensic Archaeological Field Methods	Face-to-face / field labs

**PROFESSIONAL ORGANIZATION MEMBERSHIPS**

American Association of Physical Anthropology (17 years)  
 Canadian Association of Physical Anthropology (13 years)  
 Paleopathology Association (13 years)  
 Society for American Archaeology (16 years)  
 Society for Archaeological Sciences (8 years)  
 American Institute of Archaeology - CFL Chapter (6 years)

---