

**Curriculum Vitae**  
**Horvey M. Palacios | M.A.**

Revised | March 2022

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## RESEARCH AREAS

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Bioarchaeology • Community-Engagement • Collective Memory • Identity • Inequality • Ethics–ELSI  
Diet • Health • ancient DNA • multi-Omics • Isotopes • Maya • Florida • SciComm • Digital Humanities

## ACADEMIC HISTORY

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### Degrees and Certificates

- Current      **Doctor of Philosophy**, University of Oklahoma, Department of Anthropology, Laboratories of Molecular Anthropology and Microbiome Research, Human Health and Biology Faculty, Norman, OK.  
Advisor: Dr. Cecil M. Lewis, Jr.
- Current      **Graduate Certificate in Applied Statistics**, University of Oklahoma, Dodge Family College of Arts and Sciences, Norman, OK.
- Current      **Graduate Certificate in Digital Humanities**, University of Oklahoma, School of Library and Information Science and Digital Scholarship Lab, Norman, OK.
- 2021      **Master of Arts**, University of Central Florida, Department of Anthropology, Orlando, FL.  
Thesis: *Bioarchaeological and Mortuary Patterns at Holtun, Guatemala: Integrating a Comparative Osteobiographic Approach*.  
Advisors: Drs. J. Marla Toyne and Michael G. Callaghan  
Committee: Drs. Brigitte Kovacevich and Amanda Groff
- 2018      **Bachelor of Arts**, University of Miami, Department of Anthropology, Coral Gables, FL.  
Advisor: Dr. Traci Ardren

### Additional Training

- 2022      IsoCamp: Stable Isotope Biogeochemistry and Ecology Course, Center for Stable Isotopes, University of New Mexico, Albuquerque, NM.
- 2021      Doorway to Human History: Integrated Genetics, Archaeology, and Linguistic, Max Planck Institute for the Science of Human History, Jena, DE.

### Academic Appointments

- 2022–      **Graduate Research Assistant**, Laboratories of Molecular Anthropology and Microbiome Research, University of Oklahoma, Norman, OK.  
NIH Grant (NCIR25 00925-0001) *Native American Youths Enjoy Science – YES Oklahoma*, PIs: Lewis, Cecil M; Monroe, Cara; Smith, Kent; Ramesh, Rajagopal.
- 2021–2022      **Graduate Research Assistant**, Center for Applied Social Research, University of Oklahoma, Norman, OK.  
NIH Grant (RM1 HG009042) *Center for the Ethics of Indigenous Genomic Research*, PIs: Spicer, Paul G; Lewis, Cecil M; Dillard, Denise A; Orr, Raymond Isaac;
- 2021      **Graduate Teaching Assistant**, Department of Anthropology, University of Central Florida, Orlando, FL.

- 2016      **Undergraduate Research Assistant**, Politics of the Americas, Department of Political Science, University of Miami, Coral Gables, FL.
- 2015–2016      **Undergraduate Teaching Assistant**, Department of Anthropology, University of Miami, Coral Gables, FL.

## SCHOLARLY ACTIVITY

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### Grants, Fellowships, & Awards

#### Internal Grants

- 2022      **Research Grant**, *Dental calculus as a tool for exploring ancient Maya health, diet, and disease ecology through metagenomes*, Graduate Student Senate, University of Oklahoma (\$750).
- 2022      **Training Grant**, *IsoCamp: University of New Mexico Center for Stable Isotope Biogeochemistry and Ecology Course*, M.E. & L.R. Opler Endowment, University of Oklahoma (\$1000).
- 2021      **Trevor Colbourn Anthropology Endowment Grant**, *Analysis of mortuary assemblages of Holtun, Guatemala*, University of Central Florida, (\$400 *Rescinded Covid–19 pandemic*).
- 2020      **Graduate Student Group Conference Grant**, *Travel to American Association of Physical Anthropologists in Los Angeles, California*, University of Central Florida, Student Government Senate (FB52–32 \$3,000 *Rescinded due to Covid–19 pandemic*).
- 2020      **Trevor Colbourn Anthropology Endowment Grant**, *Classification of ceramic vessels from burials of Holtun, Guatemala*, University of Central Florida (\$400 *Rescinded due to Covid–19 pandemic*).
- 2019      **Graduate Student Conference Grant**, University of Central Florida, Student Government Senate. (CRT22–2879 \$400).
- 2018      **Undergraduate Research and Presentation Grant**, *Maya Ossuaries: body processing and collective memory in the Terminal Classic*, University of Miami, Department of Anthropology (\$1,250).

#### Awards & Fellowships

- 2021      **Excellence in Public Archaeology Award**, University of Oklahoma, Oklahoma Public Archaeology Network (OKPAN) (\$500).
- 2021      **Presentation Award**, University of Central Florida, College of Graduate Studies. (\$150).
- 2019      **Graduate Fellow**, Faculty Center for Teaching and Learning Program, University of Central Florida.
- 2018      **Max and Peggy Kriloff Student Award**, University of Miami, College of Arts and Sciences (\$250).
- 2013–2015      **Coral Award**, University of Miami (Tuition and Fees grant awarded once a year).

#### Publications (\*= Publications in preparation)

- (n.d)      **\*Palacios, Horvey M.**, Traci Ardren, and Travis Stanton. “Maya Ossuaries: Body Processing and Collective Memory in Terminal Classic Yaxuná”. Intended journal–*Ancient Mesoamerica*. (manuscript in prep).
- 2021      **Palacios, Horvey M.**, “Bioarchaeological and Mortuary Patterns at Holtun, Guatemala: Integrating a Comparative Osteobiographic Approach” M.A. Thesis, Department of Anthropology, University of Central Florida, Orlando, FL.

## Conference Proceedings

### Papers

- 2021 **Palacios, Horvey M.**, Toyne, J. Marla; Callaghan, Michael G.; Kovacevich, Brigitte., Bioarchaeological and mortuary patterns at Holtun, Guatemala: An analysis of residential and plaza burials. *General Bioarchaeology* at the 86<sup>th</sup> Annual Meeting of the Society for American Archaeology, San Francisco, California.
- 2020 **Palacios, Horvey M.** The Past Remembered: exploring collective social memory and political consolidation of the Itza polity. *Transformations of the Body* at the 3<sup>rd</sup> Annual Integrating Anthropology: Shifting Perspectives Conference, Orlando, Florida.
- 2019 **Palacios, Horvey M.** Theorizing through Bodies: Examining Cranial Modification in the Americas. *Transformation and Identity* at the 2<sup>nd</sup> Annual Integrating Anthropology: Shifting Perspectives Conference, Orlando, Florida.
- 2019 **Palacios, Horvey M.**, Ardren, Traci., The Florida Middle Archaic: Trade and Lithic Green-Stone ornament construction. *Archaeology of the Archaic Period in North America* at the 84<sup>th</sup> Annual Meeting of the Society for American Archaeology, Albuquerque, New Mexico.
- 2018 **Palacios, Horvey M.**, Ardren, Traci., Wesp, Julie K., Stanton, Travis., Maya Ossuaries: Embodiment, Body Processing, and Collective Memory at Terminal Classic Yaxuná. *Mortuary Archaeology of the Americas* at the 83<sup>rd</sup> Annual Meeting of the Society for American Archaeology, Washington, D.C.

### Posters

- 2021 **Palacios, Horvey M.**, Toyne, J. Marla; Callaghan, Michael G.; Kovacevich, Brigitte., Tracing Inequality through Bioarchaeological and Mortuary Analysis at Holtun, Guatemala. University of Central Florida Graduate Research Forum, Orlando, Florida.
- 2018 **Palacios, Horvey M.**, Maya Ossuaries: Recent findings at Yaxuná from the Terminal Classic Period. 7<sup>th</sup> Annual Research, Creativity, and Innovation Forum, Coral Gables, Florida.

### Research Presentations

- 2021 *Lived Identities: On the utility of a comparative osteobiographic approach to bioarchaeology in the Maya region*, University of Oklahoma, Presented at: Laboratories of Molecular Anthropology and Microbiome Research.
- 2020 *Understanding Citation Managers: A look at Endnote and Zotero*, University of Central Florida, Presented at: ANG5094 Writing for Anthropology.
- 2019 *Looting in Modernity: Commodities, Antiquities, and Site Destruction*, University of Central Florida Presented at: Faculty Center for Teaching and Learning.

### Technical Reports

- 2022 Cooley, Delaney, **Palacios, Horvey M.**, Strategic plan and editorial needs assessment of the Oklahoma Quarterly (OQ) magazine. Prepared for the Oklahoma Public Archaeology Network, College of Arts and Sciences, Norman, OK.
- 2018 **Palacios, Horvey M.**, Internal deaccession assessment and inventory of North American Archaeological Skeletal Material. Prepared for the Phillip and Patricia Frost Museum of Science, Miami, Florida.
- 2017 **Palacios, Horvey M.**, Chapter 4: Investigations from the salvage excavation of a Terminal Classic Maya Ossuary. In: *Proyecto de Interacción Política del Centro de Yucatán*

(PIPCY): *Informe Técnico de la Novena Temporada (2017)*. Prepared for the Consejo de Arqueología del Instituto Nacional de Antropología e Historia (INAEH), Mexico.

## RESEARCH EXPERIENCE AND EMPLOYMENT

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### Laboratory

- 2022 Center for Stable Isotopes, University of New Mexico, Albuquerque, NM.  
Skills: Isotope-ratio mass spectrometry, Isotope theory
- 2022 Mass Spectrometry, Proteomics, and Metabolomics Core (MSPM), University of Oklahoma, Norman, OK.  
Skills: Liquid chromatography, tandem mass spectrometry
- 2021– Laboratories of Molecular Anthropology and Microbiome Research (LMAMR), University of Oklahoma, Norman, OK.  
Skills: Ancient and modern DNA extractions, qubit, double stranded and single stranded library preparation, shotgun and capture sequencing, metagenomic sequencing, qPCR and PCR, gel electrophoresis, fragment analyzer, tape station, pippin prep, Illumina sequencing.
- 2019 Laboratory of Osteology, University of Central Florida, Orlando, FL.  
Skills: Metric and non-metric skeletal data collection, human osteological analysis, paleopathological analysis, analysis of cranial modification, mortuary analysis.
- 2019 Laboratory for Archaeological Sciences, University of Central Florida, Orlando, FL.  
Skills: Bruker pXRF artifact preparation and analysis.
- 2019 Laboratory for Bioarchaeological Sciences, University of Central Florida, Orlando, FL.  
Skills: Collagen and carbonate bulk sample extraction (Carbon and Nitrogen).

### Field

- 2022 Field Manager, Proyecto Sacbe Yaxuná–Cobá, Valladolid, Yucatan, MX.
- 2018 Field Archaeologist, Proyecto Sacbe Yaxuná–Cobá, Cobá, Quintana Roo, MX.
- 2017 Assistant Field Osteologist, Proyecto de Interacción Política del Centro de Yucatán, Yaxuná, Yucatán, MX.

### Museum

- 2022– Graduate NAGPRA Repatriation Volunteer, Archaeology Division, Sam Noble Oklahoma Museum of Natural History, University of Oklahoma, Norman, OK.
- 2018 Museum Researcher in Archaeology, Department of Collections and Exhibitions, Phillip and Patricia Frost Museum of Science, Brickell, FL.

### Other

- 2021– Graduate Researcher, Center for Excellence in Indigenous Genomic Research, College of Arts and Science, University of Oklahoma, Norman, OK.
- 2016 Research Assistant, Department of Political Science, College of Arts and Sciences, University of Miami, Coral Gables, FL.
- 2016 Political Research and Strategy Development Intern, Bendixen and Amadi International, Coconut Grove, FL.

### Relevant Employment

- 2019 Field Technician, Archaeological Consultants Inc., Phase I and II excavation, Bioarchaeological focus, Sarasota, FL.
- 2018 Inventory and Collections Assistant, Department of Anthropology, University of Miami, Coral Gables, FL.
- 2017 Research and Assessment Assistant, Department of Student Life, Office for Vice–President of Student Affairs, University of Miami, Coral Gables, FL.
- 2014 Communications Assistant, Department of Media Communications, Vice–President’s Office for Student Affairs, University of Miami, Coral Gables, FL.

## **TEACHING AND MENTORSHIP**

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### **Courses**

- Spring 2021 Teaching Assistant, University of Central Florida, Department of Anthropology  
The Human Species; Florida Archaeology; Sex, Gender, and Culture  
Dr. Amanda Groff, Associate Lecturer; 377 Students
- Spring 2017 Teaching Assistant, University of Miami, Department of Anthropology  
Forensic Anthropology: Field Methods  
Mrs. Monica Faraldo, Adjunct Instructor; 18 Students
- Fall 2016 Teaching Assistant, University of Miami, Department of Anthropology  
Human Osteology  
Mrs. Monica Faraldo, Adjunct Instructor; 23 Students

### **Pedagogical Development**

- 2019 Preparing Tomorrow’s Faculty Teaching Certification, Faculty Center for Teaching and Learning Program, University of Central Florida, Orlando, FL.

### **Student Mentorship**

- 2022 Laboratory Mentor, Laboratories of Molecular Anthropology and Microbiome Research. Undergraduate: *Kendall Terry*
- 2022 Mentor, University of Oklahoma, Department of Anthropology. Graduate: *Megan Walsh*; Undergraduate: *Amber Vinson*
- 2021 Mentor, University of Oklahoma, Gender + Equality Center. Undergraduate: *Michael Cheek, Anna Thomas*
- 2020 Facilitator, Anthropology Mentorship Program, University of Central Florida, Department of Anthropology.
- 2019 Laboratory Mentor, University of Central Florida, Laboratory for Bioarchaeological Sciences. Undergraduate: *Zachary Kennard*

## **SERVICE AND PROFESSIONAL DEVELOPMENT**

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### **Service to the Profession**

- 2022–2025 Member, Publications Committee, Society for American Archaeology.
- 2020–2023 Member, Crabtree Award Committee, Society for American Archaeology.
- 2022 Task Force, Implementing Meeting Access Grants, Society for American Archaeology.
- 2019–2025 Member, Bioarchaeological Ethics Subcommittee, Bioarchaeology Interest Group (BIG), Society for American Archaeology (SAA).

### **Service to the University**

- 2022 Section Judge, Undergraduate Research Day, Honors College, University of Oklahoma
- 2022 Graduate Committee Member, Academic Integrity Council, University of Oklahoma
- 2022 Interim Senator, Graduate Student Senate, University of Oklahoma.
- 2020–2021 Graduate Senator, College of Graduate Studies, Student Government Association, University of Central Florida.
- 2020–2021 Member, Student Body Advocacy Committee, Student Government Association, University of Central Florida.
- 2019–2021 Grades Appeal Graduate Committee, College of Sciences, University of Central Florida.
- 2016 Committee Member, President’s Coalition on Sexual Assault Prevention and Education, Office of the President, University of Miami.
- 2015 Program Facilitator, IBIS LGBTQ+ Ally Network, University of Miami.

### **Service to the Department**

- 2022 Facilitator, *Moving beyond Weiss and Springer’s Repatriation and Erasing the Past*, Working Group on Ethics and the Dead, University of Oklahoma.
- 2022 President, Anthropology Graduate Student Association, Department of Anthropology, University of Oklahoma.
- 2021– Member, Oklahoma Public Archaeology Network, Department of Anthropology, University of Oklahoma.
- 2020 President, Graduate Anthropology Association, Department of Anthropology, University of Central Florida.
- 2020 Student Interviewer, Cluster Hire of Two Tenure-Track Biological Anthropologist (successful), Department of Anthropology, University of Central Florida.
- 2020 Invited Panelist, *The Graduate School Experience*, Lambda Alpha Honor Society, Department of Anthropology, University of Central Florida.
- 2018 Student Interviewer, Tenure–Track Biological Anthropologist (successful), Department of Anthropology, University of Miami.
- 2018 Conference Volunteer, Ancient Explorers: Little Salt Spring and the Peopling of the Americas, University of Miami.
- 2016 President, Anthropology Club, Department of Anthropology, University of Miami.

### **Review and Editorial Service**

- 2022– Associate Editor, OKPAN Quarterly Magazine, Oklahoma Public Archaeology Network.
- 2021–2023 Contributing Editor, *American Anthropologist*, American Anthropological Association.
- 2022 Grant Reviewer, Ways and Means, Graduate Student Senate, University of Oklahoma.
- 2020– Editorial Board Member, *Journal of Undergraduate Research*, University of Florida,
- 2022 Ad–Hoc Reviewer, *Journal of Human Biology*, Wiley Press.
- 2021 Ad–Hoc Reviewer, *Ancient Mesoamerica*, Cambridge University Press.
- 2020 Ad–Hoc Reviewer, *The New Florida Journal of Anthropology*, Florida Press.
- 2020 Peer Review Journal Certification, Publons Academy. (<https://www.Publons.com>).

### **Professional Development**

- 2022 Workshop, *Bioarchaeological Analysis of Cremated Human Remains* by Dr. Jessica Cerezo-Román, Department of Anthropology, University of Oklahoma.
- 2021– Science Communication Working Group, Department of Anthropology, University of Oklahoma
- 2021 Seminar, *Ethics in Ancient DNA research*, Working Group on Ethics and the Dead, University of Oklahoma.
- 2021 Conference, Faces of Rulership in the Maya Region, Dumbarton Oaks, Washington DC.
- 2020 Site Scout, Heritage Monitoring Program, Florida Public Archaeology Network.
- 2020 University of Utah Evolutionary Genetics of Humans and Other Primates Journal Club (moderator: Alan Rogers).
- 2019 Seminar, pXRF in Archaeology: Overview of Fundamental Concepts and Case Studies by Lucas R. M. Johnson, Society for American Archaeology.
- 2016 Volunteer, Florida Public Archaeology Network, Florida Archaeology Day.

## **PUBLIC OUTREACH**

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### **Publications for the Public**

- 2022 OKPAN Quarterly Magazine Winter Issue, Oklahoma Public Archaeology Network, Volume 3 (2) (<https://www.ou.edu/okpan/quarterly/archive>). Role: **Co-Editor**

### **Presentations & Workshops to the Public**

- 2020– Contributing Scientist, Skype-a-Scientist. (<https://www.skypeascientist.com>) (3 classroom visits).
- 2019 *Understanding Anthropology*, University of Central Florida, Orlando, Florida. (Presented at: University High School and Jones High School).
- 2019 *Humans of the past!*, University of Central Florida, Orlando, Florida. (Presented at: The Creative School for Children and Columbia Elementary).
- 2018 *What is Biological Anthropology*, Phillip and Patricia Frost Museum of Science, Miami, Florida.
- 2018 *Washing Artifacts of Florida's Past*, at University of Miami Anthropology Day.
- 2018 *Ancient Coastlines of Florida and its Residents*, Florida Public Archaeology Network.
- 2017 *Who were the Tequesta people of Florida*, at the Seminole, Ah-Tah-Thi-Ki Museum, American Indian Arts Celebration.

## **APPLIED SKILLS**

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### **Field**

Phase I/II/III Excavation, Photography, Mapping, Survey, Total Station and R8 GPS System, Excavation of Skeletal Remains *in situ*

### **Computational**

Bash Scripting, Adobe Creative Suite, R® Statistical programming software, ForDisc, OsteoWare, and MS office

### **Language**

Spanish (native proficiency), English (native proficiency), French (speaking and reading)

## **HONORS AND PROFESSIONAL MEMBERSHIPS**

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## **Honors**

Elected Associate Member | Sigma Xi Scientific Research Society ( $\Sigma\Xi$ )

Inducted Member | Omicron Delta Kappa Leadership Society ( $\text{O}\Delta\text{K}$ )

Inducted Member | Lambda Alpha Anthropology Honor Society ( $\Lambda\text{A}$ )

## **Professional Memberships**

American Association of Biological Anthropology (AABA)

National Center for Faculty Development and Diversity (NCFDD)

Society for American Archaeology (SAA)

Society for Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS)