

## CURRICULUM VITAE

Revised| May 2025

# Horvey M. Palacios, M.A.

Department of Anthropology  
University of Oklahoma  
455 West Lindsey St.  
Dale Hall Tower 521,  
Norman, OK 73019

X: @HorveyMPalacios  
Website: <https://horveypalacios.github.io>  
Lab: <https://lmamr.org/people/>  
Email: Horvey.Palacios@ou.edu  
Cell: (305)331.9171

---

## EDUCATION

Ph.D. (expected 2026)	Anthropology Track: Human Health & Biology	University of Oklahoma Advisors: Marc Levine & Cecil M. Lewis, Jr.
Graduate Certificate, 2025	Data Analytics	University of Oklahoma
Graduate Certificate, 2023	Digital Humanities	University of Oklahoma
M.A., 2021	Anthropology Track: Bioarchaeology	University of Central Florida Advisor: J. Marla Toyne & Michael Callaghan
B.A., 2018	Anthropology and Advertising	University of Miami Advisor: Traci Ardren

## CURRENT POSITION

Ph.D. Candidate, Department of Anthropology; Laboratories of Molecular Anthropology and Microbiome Research (LMAMR), University of Oklahoma, Norman, OK

## RESEARCH AND TEACHING INTERESTS

Community-Engaged Research • multi-Omics • Isotopes • Bioethics • Bioarchaeology • Science Communication  
Digital Humanities • Identity • Inequality • Health • Maya • Florida • Public Archaeology • Science Education

## APPOINTMENTS

- Current **Gross Anatomy Instructor**, School of Biological Sciences; Anatomy Program, University of Oklahoma, Norman, OK.
- Current **Graduate Researcher**, Department of Anthropology; Laboratories of Molecular Anthropology and Microbiome Research (LMAMR), University of Oklahoma, Norman, OK.
- 2022– **Research Scientist**, Native American Youths Enjoy Science – YES Oklahoma, PIs: Wilhelm, S.; Monroe, C.; C.M. Lewis; Smith, K.; Rajagopal, R. NIH Grant (7R25CA274172-03).
- 2021– **Research Scientist**, Center for Excellence in Indigenous Genomic Research, College of Arts and Science, University of Oklahoma.
- 2024– **Editor-in-Chief**, The Community Archaeologist, Oklahoma Public Archaeology Network.
- 2022– **Core Member**, Data Institute for Societal Changes, University of Oklahoma.
- 2021–23 **Associate Editor**, The Community Archaeologist, Oklahoma Public Archaeology Network.
- 2021 **Graduate Research Assistant**, Center for Applied Social Research, University of Oklahoma, Norman, OK– NIH Grant (RM1 HG009042) PIs: Spicer, P.G; Lewis, C.M.; Dillard, D.A.; Orr, R.I.
- 2021 **Graduate Teaching Assistant**, Anthropology Department, University of Central Florida, Orlando, FL.
- 2015 **Teaching Assistant**, Department of Anthropology, University of Miami, Coral Gables, FL.

## RESEARCH GRANTS

### External Grants

- 2025 Collaborative Research Award: Choctaw Hog Heritage Breed Project (\$2800) The Livestock Conservancy, Pittsboro, NC.
- 2025 Oklahoma Anthropological Society, Research Grant (1,000) — Choctaw Hog Heritage Breed Project.

### Internal Grants

- 2025 Department Research (2,000), Department of Anthropology, University of Oklahoma— Ancient Oral Microbiomes of Classic Period Maya Settlements and Rock shelters of Southern Belize.

- 2025 Publication Grant (\$3,000), Library System Open-Access Fund, University of Oklahoma—
- 2025 Graduate Student Seed Funding Grant (\$2,500), Data Institute for Societal Challenges, University of Oklahoma— Data-Driven Conservation: Integrating Digital Humanities and Genomics to Preserve the Choctaw Hog (Co-PI's: Brittany Bingham, Isabella Cowan)
- 2024 Graduate Student Senate Travel Grant (\$650), University of Oklahoma— Annual Meeting of the Society for American Archaeology, New Orleans, LA.
- 2024 CHOMPER: Conference Grant (\$1000), University of Oklahoma— American Association of Biological Anthropologists Meetings in Los Angeles, CA.
- 2024 M.E. & L.R. Opler Endowment Grant (\$500), University of Oklahoma— Annual Meeting of the Society for American Archaeology, New Orleans, LA.
- 2023 Graduate Student Seed Funding Grant (\$2,500), Data Institute for Societal Challenges, University of Oklahoma— Uncovering the Microbiome: Data-Enabled STEM Engagement in Rural Oklahoma.
- 2023 CHOMPER: Conference Grant (\$1350), University of Oklahoma— American Association of Biological Anthropologists Meetings in Reno, NV.
- 2023 Student Travel Assistance Grant (\$1500), College of Arts and Sciences, University of Oklahoma— American Association of Biological Anthropologists 92<sup>nd</sup> Annual Meeting; First Public Archaeology Conference.
- 2023 M.E. & L.R. Opler Endowment Grant (\$500), University of Oklahoma— American Association of Physical Anthropologists 92<sup>nd</sup> Annual Meeting.
- 2022 CEIGR Consortium Grant (\$1280), University of Oklahoma— 2022 Center for Ethics in Indigenous Genomic Research, Minneapolis, MN.
- 2022 Graduate Student Senate Research Grant (\$1350), University of Oklahoma— Unequal Biomes: Examining Patterns of Ancient Maya Health and Inequity through Metagenomics.
- 2022 CHOMPER: Consultation Meeting Grant (\$1800), University of Oklahoma— 2022 Consultation Meetings near Golden Stream, Belize
- 2022 Robberson and Wethington Prestigious Course Grant (\$4250), University of Oklahoma— IsoCamp: University of New Mexico Center for Stable Isotope Biogeochemistry and Ecology Course.
- 2021 Trevor Colbourn Anthropology Endowment Grant (\$400), University of Central Florida— Analysis of Mortuary Assemblages of Holtun, Guatemala (Rescinded due to Covid-19).
- 2020 Student Government Group Conference Grant (\$3200), University of Central Florida— American Association of Physical Anthropologists 89<sup>th</sup> Annual Meeting (Rescinded due to Covid-19).
- 2020 Trevor Colbourn Anthropology Endowment Grant (\$400), University of Central Florida— Classification of Ceramic Vessels from Burials of Holtun, Guatemala (Rescinded due to Covid-19).
- 2019 Student Government Conference Grant (\$400), University of Central Florida— Society of American Archaeology 84<sup>th</sup> Annual Meeting in Albuquerque, NM.
- 2018 Undergraduate Anthropology Research and Presentation Grant (\$1,250), University of Miami— Society of American Archaeology 83<sup>rd</sup> Annual Meeting in Washington, DC.

## **AWARDS & FELLOWSHIPS**

- 2025 Research Fellowship, Dodge Family College of Arts and Sciences (\$5,000), University of Oklahoma— Ancient Oral Microbiomes of Classic Period Maya Settlements and Rock shelters of Southern Belize.
- 2025 William S. Pollitzer Student Paper Prize, American Association of Biological Anthropologists.
- 2025 Frances E. & A. Earl Ziegler Sooner Heritage Scholarship (\$3,000) University of Oklahoma
- 2024 Outstanding Student Poster in Anthropological Genetics— American Association for Anthropological Genetics [Access Here](#)
- 2024 Increasing Diversity in Evolutionary Anthropological Sciences (IDEAS) Fellowship (\$1,800), American Association of Biological Anthropologist, Los Angeles, California.
- 2024 Excellence in Public Archaeology Award (\$3,400)— Oklahoma Public Archaeology Network.
- 2024 Donald E. Hall Endowed Scholarship (\$3,000) University of Oklahoma
- 2024 Robert E. and Mary B. Sturgis Endowed Scholarship (\$1,800)— University of Oklahoma.
- 2023 Jack Roe Denton Endowed Scholarship (\$3,250)— University of Oklahoma.

- 2023 Robert & Virginia Bell Public Archaeology Award (\$7,000)– Oklahoma Public Archaeology Network.
- 2022 Drake Endowed Arts and Sciences Scholarship (\$1,250)– University of Oklahoma.
- 2022 Robert & Virginia Bell Public Archaeology Award (\$7,000)– Oklahoma Public Archaeology Network.
- 2021 Excellence in Public Archaeology Award (\$500)– Oklahoma Public Archaeology Network.
- 2021 College of Graduate Studies Presentation Award (\$150)– University of Central Florida.
- 2019 Graduate Student Fellow– Faculty Center for Teaching and Learning Program, University of Central Florida.
- 2018 Max and Peggy Kriloff Arts and Sciences Award (\$250)– University of Miami.
- 2013 Coral Award (24,000)– University of Miami (Tuition and Fees grant awarded once a year 2013-2015).

## PUBLICATIONS

### Journal Articles (‡=Contributed Equally °=Under Revision \* = Manuscript in prep)

- 2025° Fleskes, R.E., **Palacios, H.M.**, Brown, D., Kollman, D., Pollard, P., Budner, H., Pollard, M., Paulson, K.Y., Philips, J., Harder, R., Bolnick, D., Curran, J., Schurr, T.G. (2025). Archaeogenomic Analysis of Nineteenth-Century Burials at St. Mary’s Basilica: An Intersectional Analysis of Religion, Race, and Migration. *American Journal of Biological Anthropology* (Accepted).
- 2024 Roach, J., Mital, R., Haffner, J. J., Colwell, N., Coats, R., **Palacios, H. M.**, ... McCall, L.-I. (2024). Microbiome metabolite quantification methods enabling insights into human health and disease. *Methods*, 222, 81–99. [Access Here](#)
- 2023 Pitblado, B. L., Cooley, D., Deere, B., Dudley, M., McLeod, A., Moore, K., & **Palacios, H.** (2023). The Oklahoma Public Archaeology Network (OKPAN): Leveraging University Resources to Serve Historically Excluded Communities. *Advances in Archaeological Practice*, 11(3), 314–327. [Access Here](#)

### Theses & Dissertation

- 2021 **Palacios, H. M.** *Bioarchaeological and Mortuary Patterns at Holtun, Guatemala: Integrating a Comparative Osteobiographic Approach* M.A. Thesis, University of Central Florida. [Access Here](#)

## CONFERENCE PROCEEDINGS

### Research Activity (⋄=Poster ‡=Authors Contributed Equally)

- 2025 **Palacios, H.M.**, & Fleskes, R.E., What’s Old is New Again: Community-Engaged Human Biology and Ethical Praxis for the Next 50 Years, Presented in “Over the Horizons” Symposium at the 50th Annual Meeting of the Society for Human Biology, Baltimore, MD.
- 2025 **Palacios, H.M.**, & Fleskes, R.E., Establishing A Bioethos For Ancient DNA Research: Situating Praxis, Engagement, and Knowledge, Presented at the 89th Annual Meeting of the Society for American Archaeology, Denver, CO.
- 2024⋄ **Palacios, H.M.**, Honap, T.P., Kennett, D.J., Prufer, K.M., Lewis Jr., C.M., Evaluating efficacy of single- vs double-stranded DNA library preparation strategies for ancient microbiome research, 93<sup>rd</sup> Annual Meeting of the American Association of Biological Anthropologists, Los Angeles, CA.
- 2024 **Palacios, H.M.**, Cooley, D.S., Pitblado, B.B. Empowering Communities: Democratizing Knowledge Production in Science Communication Through The Community Archaeologist. Presented in Democratizing Heritage Creation: How-To and When at the 88<sup>th</sup> Annual Meeting of the Society for American Archaeology, New Orleans, LA.
- 2023⋄ Cooley, D.S., **Palacios, H.M.** Lessons Learned: Building a Science Communication Magazine from the Ground Up, 1<sup>st</sup> Annual Meeting Public Archaeology Conference, Pensacola, FL.
- 2023⋄ Eckhoff, M., **Palacios, H.M.**, Honap, T.P., and Lewis Jr., C.M., Laboratory Methods for the Microbiome Complexity Project. Youth Enjoy Science (YES) Oklahoma Research Presentation, Norman, OK.
- 2023⋄ Anderson, A., **Palacios, H.M.**, Honap, T.P., Monroe, C., Lyons–Ketchum, A., and Lewis Jr., C.M., What is the Human Gut Microbiome and how can it help with curing diseases? Youth Enjoy Science (YES) Oklahoma Research Presentation, Norman, OK.
- 2023 **Palacios, H.M.**, Neff, N.C., Ray, E.E., Honap, T.P., Kennett, D.J., Prufer, K.M., Lewis Jr., C.M., Ancient Metagenomics, Stable Isotope Analysis, and Archaeological Contexts Provide Interdisciplinary Insights into

- Classic Period Maya Inequality in Southern Belize., 92<sup>nd</sup> Annual Meeting of the American Association of Biological Anthropologists, Reno, NV.
- 2023· Haffner, J.J., Prufer, K.M., Mattson, H.V., Swentzell, R., Mes, J., **Palacios, H.M.**, Neff, N.C., Schleher, K.L., Warriner, C., McCall, L-I., Lewis Jr., C.M., Mass Spectrometry Database of Archaeologically-Relevant Plants for Organic Residue Analysis, Presented in What's on the Menu 98<sup>th</sup> Annual Meeting of the American Association of Biological Anthropologists, Reno, NV.
- 2023 **Palacios, H.M.**, Honap, T.P., Prufer, K.M., Kennett, D.J., Lewis Jr., C.M., Ancient Maya Inequality and Oral Microbiome Ecologies from Classic Period Maya Contexts in Southern Belize, Presented in aDNA Research in Archaeology and for Archaeological Application at the 88<sup>th</sup> Annual Meeting of the Society for American Archaeology, Portland, OR.
- 2023 Pitblado, B.B., Cooley, D.S., **Palacios, H.M.**, Deere, B., Moore, K., Collaborative and Community Engaged Scholarship and the Oklahoma Public Archaeology Network, Presented in Collaborative and Community Engaged Scholarship (CES) at 88<sup>th</sup> Annual Meeting of the Society for American Archaeology, Portland, OR.
- 2022· **Palacios, H.M.**, Cooley, D.S., Publishing with Intent: An Activist Approach to Magazine Content Development, 79<sup>th</sup> Annual Meeting of the Plains Archaeological Conference, Oklahoma City, OK.
- 2022· Dudley, M.J., Cooley, D.S., McLeod, A., **Palacios, H.M.**, Pitblado, B.B., From the Ground Up: Fostering Student Led-Efforts in Activist Archaeology through the Oklahoma Public Archaeology Network (OKPAN), 79<sup>th</sup> Meeting of the Plains Anthropological Conference, Oklahoma City, OK.
- 2021· **Palacios, H.M.**, Toyne, J.M., Callaghan, M.G., Kovacevich, B., A Body in Focus: Examining Ancient Maya Life and Death through Osteobiography at Holtun, Guatemala, University of Central Florida Graduate Research Forum, Orlando, FL.
- 2021 **Palacios, H.M.**, Toyne, J.M., Callaghan, M.G., Kovacevich, B., Bioarchaeological and mortuary patterns at Holtun, Guatemala: An analysis of residential and plaza burials. 86<sup>th</sup> Annual Society for American Archaeology Meeting, San Francisco, CA (Online).
- 2020 **Palacios, H.M.**, The Past Remembered: exploring collective social memory and political consolidation of the Itza polity., 2<sup>nd</sup> Annual Integrating Anthropology: Shifting Perspectives, Orlando, FL.
- 2019 **Palacios, H.M.**, Theorizing through Bodies: Examining Cranial Modification in the Americas, Annual Integrating Anthropology: Shifting Perspectives, Orlando, FL.
- 2019 **Palacios, H.M.**, Ardren, T., The Florida Middle Archaic: Trade and Lithic Green-Stone ornament construction., 84<sup>th</sup> Annual Meeting of the Society for American Archaeology, Albuquerque, NM.
- 2018 **Palacios, H.M.**, Ardren, T., Wesp, J.K., Stanton, T., Maya Ossuaries: Embodiment, Body Processing, and Collective Memory at Terminal Classic Yaxuná., 83<sup>rd</sup> Annual Meeting of the Society for American Archaeology, Washington D.C.
- 2018· **Palacios, H.M.**, Maya Ossuaries: Recent findings at Yaxuná from the Terminal Classic Period, 7<sup>th</sup> Annual Research and Innovation Forum, Coral Gables, FL.

### Organized Professional Activity

- 2025 **Organizer**, *Community-Based Research in Biological Anthropology: Approaches, Examples, and Advice*, With Margarita Hernandez and Alma Solis. 50th National Diversity in STEM (NDiSTEM) Conference, Columbus, OH.
- 2025 **Organizer**, *Researcher and Community Partner Reflections from the Field: Leveraging Community Engagement to Promote Ethical Research Practices*, With Carly Chaney, Ines Varela-Silva, and Theresa Gildner. 50<sup>th</sup> Annual Human Biology Association, Baltimore, MD.
- 2024 **Presenter**, Up Goer Five: Communicating Biological Anthropology Using English's Ten Hundred Most Common Words. *What's going on with those teeth? Understanding the mouth to learn about the past.* 93<sup>rd</sup> Annual Meeting of the American Association of Biological Anthropologists, Los Angeles, CA.
- 2022 **Organizer**, Poster Session: *From the Ground Up: Student-Led Efforts in Social Activism on the Great Plains.* (2022) With Delaney S. Cooley, Meghan Dudley, and Bonnie Pitblado. 79<sup>th</sup> Plains Archaeological Conference, Oklahoma City, OK.
- 2022 **Organizer**, CEIGR Workshop (2022) *Indigenous Sovereignty and Genetic Industry Practices* With Jessica W. Blanchard, Vanessa Hiratsuka, Justin R. Lund, Cara R. Monroe, Bobby Saunkeah, Cecil M. Lewis, Nathan J. Rabang. Center for the Ethics of Indigenous Genomic Research, Norman, OK.

## TECHNICAL REPORTS

- 2022 **Palacios, Horvey M.**, CEIGR Workshop Series Program: Indigenous Sovereignty and Genetic Industry Practices. Prepared for the Center for the Ethics of Indigenous Genomic Research, Center for Applied Social Research, Norman, OK.
- 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, FL.
- 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), MX.

## RESEARCH EXPERIENCE & EMPLOYMENT

### Laboratory

- 2023– Fornelli Mass Spectrometry Proteomics Lab, University of Oklahoma, Norman, OK.
- 2021– Laboratories of Molecular Anthropology and Microbiome Research (LMAMR), University of Oklahoma, Norman, OK.
- 2023 McCall Mass Spectrometry Metabolomics Lab, San Diego State University, San Diego, CA.
- 2022 Environmental Archaeology Lab, University of New Mexico, Albuquerque, NM.
- 2022 Center for Stable Isotopes, University of New Mexico, Albuquerque, NM.
- 2019 Laboratory for Bioarchaeological Sciences, University of Central Florida, Orlando, FL.
- 2019 Laboratory of Osteology, University of Central Florida, Orlando, FL.
- 2019 Laboratory for Archaeological Sciences, University of Central Florida, Orlando, FL.

### Field

- 2023 Archaeological Assistant, Uxbenka Archaeological Project (UAP), Santa Cruz, Toledo, BZ.
- 2023 Molecular Anthropologist, Bladen Preserve Archaeological Project (BPAP), Bladen Natural Reserve, BZ.
- 2022 Community Engagement and Consultation, Calculus and Hominid Oral Metagenomes for Pathogen Evolution Research, Ya'axche, BZ.
- 2019 Bioarchaeological Field Technician, Archaeological Consultants Inc., Phase I and II excavation, Sarasota, FL.
- 2018 Field Director and Bioarchaeologist, Proyecto Sacbe Yaxuná–Cobá, Cobá, Quintana Roo, MX.
- 2017 Assistant Field Osteologist, Proyecto de Interacción Política del Centro de Yucatán, Yaxuná, Yucatán, MX.

### Museum & Collections

- 2022 NAGPRA Curation Volunteer, Archaeology Division, Sam Noble Oklahoma Museum of Natural History, University of Oklahoma.
- 2022 Graduate Human Osteology Volunteer, Archaeology Division, Sam Noble Oklahoma Museum of Natural History, University of Oklahoma.
- 2018 Inventory and Collections Assistant, Department of Anthropology, University of Miami.
- 2018 NAGPRA Curation Assistant, Department of Collections and Exhibitions, Phillip and Patricia Frost Museum of Science, Brickell, FL.

### Relevant University Employment

- 2017 Research and Assessment Assistant, Department of Student Life, Office for Vice–President of Student Affairs, University of Miami.
- 2016 Research Assistant, Department of Political Science, University of Miami.
- 2016 Political Research Intern, Bendixen and Amadi International. Coconut Grove, FL.

- 2014 Communications Media Assistant, Department of Media Communications, Vice-President's Office for Student Affairs, University of Miami.

## EDUCATIONAL EXPERIENCE

### Pedagogical Development

- 2024 Indigenous Pedagogy Institute, Department of Educational Leadership and Policy Studies, University of Oklahoma.
- 2024 (re)Designing a Course, Learning Community, Center for Faculty Excellence, University of Oklahoma.
- 2023 Instructional Competencies Certificate Program, Graduate College, University of Oklahoma.
- 2019 Preparing Tomorrow's Faculty Teaching Certification, Faculty Center for Teaching and Learning Program, University of Central Florida.

### Course and Curriculum Development

- 2024 APY203 Principles of Biological Anthropology: Developed course curriculum, learning outcomes, and course materials focusing on integrating a broad survey of theoretical and methodological approaches common in the field.
- 2024 ANTH1124 Molecular Biology Research Methods– YES Oklahoma: Developed course curriculum, learning outcomes, and course materials focusing on integrating molecular biology research techniques with anthropological, cancer, and ecological applications.

### Primary Instructor

- 2025 Human Anatomy, BIOL2255 (56 Students; 5 Credits; In Person) University of Oklahoma
- 2025 Principles of Biological Anthropology APY203 (50 Students; Hybrid) University of Miami
- 2025 Cadaveric Human Anatomy Dissection Laboratory BIOL2251 (56 Students; In Person) University of Oklahoma
- 2024 Principles of Biological Anthropology APY203 (50 Students; Hybrid) University of Miami
- 2024 Cadaveric Human Anatomy Dissection Laboratory BIOL2251 (56 Students; In Person) University of Oklahoma
- 2024 Molecular Biology Research Methods– YES Oklahoma ANTH1124 (10 Students; 4 Credits; Hybrid) University of Oklahoma

### Courses Assisted

#### *University of Oklahoma*

- 2024 Co-Instructor, ANTH 5523 CBPR in Archaeology (8 Students; 3 Credits; In Person)
- 2024 Co-Instructor, ANTH 3613 Community Archaeology (7 Students; 3 Credits; In Person)
- 2024 Project Instructor, JMC 4683 Mass Media Development (7 Students; 3 Credits; In Person)
- 2023 Co-Instructor, ANTH 2970 YES Oklahoma– Social Determinants of Health (7 Students; 3 Credits; Hybrid)
- 2022 Project Instructor, DES 2653 Visual Communication II (24 Students; 3 Credits; In Person)

#### *University of Central Florida*

- 2021 Teaching Assistant, ANG 3460 Florida Archaeology (101 Students; 3 Credits; Asynchronous)
- 2021 Teaching Assistant, ANG 2910 Sex, Gender, and Culture (77 Students; 3 Credits; Asynchronous)
- 2021 Teaching Assistant, ANG 2000 The Human Species (200 Students; 3 Credits; Asynchronous)

#### *University of Miami*

- 2017 Teaching Assistant, APY 415 Forensic Anthropology; (18 Students; 3 Credits; In Person)
- 2016 Teaching Assistant, APY 418 Human Osteology; (23 Students; 3 Credits; In Person)

### Invited Course Lectures

- 2024 Community–Engaged Bioarchaeology as Resistance, ANTH 4580 Social Justice Archaeology, University of Oklahoma.
- 2023 Translating Lab Work: Resume Building Toolkit for Research Professionals, ANTH 1150 What Makes Us Human, University of Oklahoma.

- 2023 Building a Science Communication Magazine from the Ground Up, ENGL4677 Magazine Publishing, University of Oklahoma.
- 2023 Looting in Modernity: Commodities, Antiquities, and Site Destruction, ANTH1000 General Anthropology, University of Oklahoma.
- 2023 Introduction to Molecular Archaeology, ANTH1000 General Anthropology, University of Oklahoma.
- 2023 Understanding Bioarchaeology and Pandemics, ANTH1913 Plagues and People, University of Oklahoma.
- 2022 Understanding Bioarchaeology and Pandemics, ANTH1913 Plagues and People, University of Oklahoma.
- 2021 Lived Identities: On the Utility of a Comparative Osteobiographic Approach to Bioarchaeology in the Maya Region, University of Oklahoma, Laboratories of Molecular Anthropology and Microbiome Research.
- 2020 Understanding Citation Managers: A look at Endnote and Zotero, ANG5094 Writing for Anthropology, University of Central Florida.
- 2019 Looting in Modernity: Commodities, Antiquities, and Site Destruction, Faculty Center for Teaching and Learning, University of Central Florida.

### **Professional Mentorship**

- 2021– University of Oklahoma: Department of Anthropology; Anatomy Program; Laboratories of Molecular Anthropology and Microbiome Research, Oklahoma Public Archaeology Network, YES Oklahoma
  - Highschool:** Madeline Eckhoff, Ayden Anderson, Dylan Adler, Inara Blackowl, Marielana Montoya, David Anderson, Quinsyn Goombi, Laine Williamson, Jewel Horn, Avery Fringes, Ailani Aissaoui, Paisley Nichols, Michelle Sanabria.
  - K-12 STEAM Teachers:** Cassi Crowel, Linda Bimberg, Debra Edwards, Markeyla Smith, Michael Cyrwus, Chivon Gulley, Derek Prince.
  - Undergraduate:** Kendall Terry, Reagan Ballard, Reagan Crider, Zac Marino, Heather Morey, Lauren Morison, Gabi Parker, Elijah Whalen, Melynda Bretz, Alexa Ossei, Sofia Almendarez, Kate Yamashita, Leah Galloway
  - Graduate:** Megan Walsh, Kaylyn Moore, Juliana Rubinatto, Abigail Sempebwa, Chelsy Lyons, Isabella Cowan, Brittany Bingham
  - Visiting Researchers:** Lateefa Abel, Katie McCormack, Kristine Beaty, Jada Benn Torres, Graciela Cabana, Jennifer Raff, Racquel Fleskes, Theodore Schurr.
- 2024 Undergraduate Research Symposium, American Association of Biological Anthropologists, Los Angeles, California.
- 2021 University of Oklahoma, Gender + Equality Center.
  - Undergraduate:** Michael Cheek, Anna Thomas
- 2020 Facilitator, Anthropology Mentorship Program, University of Central Florida.
- 2019 Laboratory Mentor, University of Central Florida, Laboratory for Bioarchaeological Sciences.
  - Undergraduate:** Zachary Kennard

## **SERVICE AND PROFESSIONAL DEVELOPMENT**

### **Service to the Profession**

- 2023– Advisory Board Member, Bio-Medical Science Program, Caddo–Kiowa Technology Center, Oklahoma
- 2022– Member, Publications Committee (Term End: 2025), Society for American Archaeology (SAA).
- 2019– Member, Bioarchaeological Ethics Subcommittee, Bioarchaeology Interest Group (BIG), Society for American Archaeology (SAA).
- 2022 Task Force, Meeting Access Grants, Society for American Archaeology (SAA).
- 2020 Member, Crabtree Award Committee (Term End: 2023), Society for American Archaeology (SAA)

### **Service to the University**

- 2023 Senator, Graduate Student Senate, Ways and Means Committee, University of Oklahoma.
- 2022 Judge/Moderator, 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 Graduate Senator, Student Government Association, University of Central Florida.
- 2020 Member, Student Body Advocacy Committee, University of Central Florida.
- 2019 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**

- 2024 Search Committee Member, Tenure-Track Medical Anthropologist, Department of Anthropology, University of Oklahoma.
- 2023 President, Anthropology Graduate Student Association, University of Oklahoma.
- 2022 Facilitator, Moving beyond Weiss and Springer's Repatriation and Erasing the Past, Working Group on Ethics and the Dead, University of Oklahoma.
- 2020 President, Graduate Anthropology Association, University of Central Florida.
- 2020 Search Committee Member, 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 Search Committee Member, Tenure-Track Biological Anthropologist (successful), Department of Anthropology, University of Miami.
- 2018 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**

- 2024 Abstract Reviewer, Undergraduate Research Symposium, American Association of Biological Anthropologists, Los Angeles, California.
- 2023 Editorial Intern, World Literature Today, University of Oklahoma.
- 2021 Contributing Editor, American Anthropologist, American Anthropological Association.
- 2022 Grant Reviewer, Ways and Means Committee, Graduate Student Senate, University of Oklahoma.
- 2020 Editorial Board Member, Journal of Undergraduate Research, University of Florida.
- 2020- Ad-Hoc Reviewer, Human Biology, Wiley Press; Ancient Mesoamerica, Cambridge University Press; The New Florida Journal of Anthropology, Florida Press, Journal of STEM Outreach.
- 2020 Peer Review Journal Certification, Publons Academy. (<https://www.Publons.com>).

### **Professional Development and Research Training**

- 2024 Workshop on Biomolecular Humanities, University of Tartu, Tartu, ES.
- 2024 SPAAM-Werner Siemens-Stiftung Summer School: Introduction to Ancient Metagenomics, Jena, DE
- 2023 Magazine Editing and Publishing Course, World Literature Today, University of Oklahoma, Norman, OK.
- 2022 Genetic Research Consortium, Center for the Ethics of Indigenous Genomic Research, Prior Lake, MN.
- 2022 Computational Genetic Applications to Anthropological Research, University of Utah, Association of Anthropological Genetics.
- 2022 IsoCamp: Stable Isotope Biogeochemistry and Ecology Course, Center for Stable Isotopes, University of New Mexico, Albuquerque, NM.
- 2022 Digital Humanities Community of Practice, Dodge College of Arts and Sciences, University of Oklahoma.
- 2022 3D Digital Technologies Community of Practice, School of Library and Information Sciences, University of Oklahoma.
- 2022 Community Engagement Reading Group, Center for Faculty Excellence, University of Oklahoma.
- 2022 Workshop, Bioarchaeological Analysis of Cremated Human Remains by Jessica Cerezo-Román, Department of Anthropology, University of Oklahoma.



- 2021 Doorway to Human History: Integrated Genetics, Archaeology, and Linguistics, Max Planck Institute for the Science of Human History, Jena, DE.
- 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 Faces of Rulership in the Maya Region, Dumbarton Oaks, Washington D.C.
- 2020 Contributing Scientist, Skype-a-Scientist. (<https://www.skypeascientist.com>).
- 2020 Site Scout, Heritage Monitoring Program, Florida Public Archaeology Network.
- 2020 University of Utah Evolutionary Genetics of Humans and Other Primates Journal Club.
- 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 ENGAGEMENT

### Publications for Public Audiences

- 2025 The Community Archaeologist, Spring and Fall Issue, Oklahoma Public Archaeology Network, In Press. Role: **Editor-in-Chief**
- 2024 The Community Archaeologist, Spring and Fall Issue, Oklahoma Public Archaeology Network, In Press. Role: **Editor-in-Chief**
- 2023 The Community Archaeologist, Spring and Fall Issue, Oklahoma Public Archaeology Network, In Press. Role: **Associate Editor**
- 2022 Move the Starting Line: Student-led Community Archaeology at the University of Oklahoma; OKPAN Quarterly Summer 2022 Issue, Oklahoma Public Archaeology Network, Volume 4 (3) (<https://www.ou.edu/okpan/quarterly/archive>) Role: **Author** with Cooley, Delaney S.
- 2022 OKPAN Quarterly Magazine Summer Issue, Oklahoma Public Archaeology Network, Volume 3 (4) In Press. Role: **Associate Editor**
- 2022 Creating Dangerously: Bridging Anthropology and Digital Humanities, <https://horveypalacios.github.io/posts/2022-05-12-blog-post-5/> Role: **Author**
- 2021 OKPAN Quarterly Magazine Winter Issue, Oklahoma Public Archaeology Network, Volume 3 (2) (<https://www.ou.edu/okpan/quarterly/archive>). Role: **Associate Editor**

### STEM Program Leadership

- 2023– Youth Enjoy Science Oklahoma– Eight week intensive summer program for high school juniors and seniors, and teachers, and middle school trainees (impact: 500 learners), Role: Program Instructor
- 2024 Cure Jr., STEM research and college preparation program, OU Health Sciences Center, Oklahoma City, OK (impact: 50 students) Role: Program Supervisor [Access Here](#)
- 2024 Say YES to STEAM camp– Five-day intensive STEAM Camp for 7-12 graders, University of Oklahoma, University of Nebraska Medical Center, (impact: 25 students) Role: Program Supervisor
- 2023– YES SPARKS, Tulsa, Oklahoma– Two-day intensive STEAM Camp for Tulsa K-4<sup>th</sup> graders (impact: 60 students) Role: Program Supervisor

### STEM Outreach and Public Education (cumulative impact: 1200 learners)

- 2024 Elgin Public Schools STEM Day Extracting DNA from strawberries (impact: 160 students)
- 2023 Norman Public Schools STEM Days– Can you see Strawberry DNA? Norman, Oklahoma– STEM Activity Extracting DNA from strawberries (impact: 400 students, teachers, and chaperones)
- 2021 Setting Up an Excavation Unit, Oklahoma Public Archaeology Network, Norman, Oklahoma (impact: 25 students) (Presented at: Norman Public Fair Grounds).
- 2020 What is Anthropology! Orlando, Florida– STEM activities introducing the four disciplines of anthropology (impact: 75 students) (Presented at: University High School and Jones High School).

- 2019 Humans of the past! Orlando, Florida– STEM activity introducing our most recent human ancestors. (impact: 35 students) (Presented at: The Creative School for Children and Columbia Elementary).
- 2018 What is Biological Anthropology, Phillip and Patricia Frost Museum of Science, Miami, Florida– Introduction to what Biological Anthropologists Do. (impact: 200 students, parents, and museum goers)
- 2018 Washing Artifacts of Florida’s Past, (impact: 45 students) (Presented at: University of Miami Public Anthropology Day).
- 2018 Ancient Coastlines of Florida and its Residents, (impact: 55 students) (Presented at: Florida Public Archaeology Network Florida Archaeology Day).
- 2017 The Tequesta people of Florida, (impact: 30 students) (Presented at: Ah–Tah–Thi–Ki Museum Annual Indian Arts Celebration).

## Digital Projects

- 2023 The Community Archaeologist Magazine  
Role: Editor-in-Chief; Site [Access Here](#)
- 2023 Youth Enjoy Science Oklahoma Program  
Role: Site Creator. [Access Here](#)
- 2022 The Molecular Archaeology Project  
Role: Site Creator. [Access Here](#)
- 2022 Molecules Destabilized, Personal Website  
Role: Site Creator. [Access Here](#)
- 2021 OKPAN Quarterly (OQ), Digital Magazine, Oklahoma Public Archaeology Network  
Role: Associate Editor. [Access Here](#)

## Media Engagement

- 2025 Scientist Profile, The Scientists Spotlight Initiative, San Francisco State University [Access Here](#)
- 2024 YES Oklahoma Hosts Summer Science Camp for Students and Teachers, YES Oklahoma Feature [Access Here](#)
- 2023 Harmony through Heritage, The New Brunswick Archaeology Podcast, The Community Archaeologist Mention [Access Here](#)
- 2023 Media Profile, Molecular Anthropologist, [500Queer Scientist](#)
- 2023 Young Scientists Get Hands On Experience at STEM Camp, YES Oklahoma, Tulsa, Oklahoma. [Access Here](#)
- 2022 ‘YES Oklahoma’ Project to Improve American Indian Representation in STEM Cancer Research, Norman, Oklahoma. [Access Here](#)

## APPLIED SKILLS

### Laboratory Expertise

DNA Extractions (Degraded, Modern, Ancient, and Low-Copy Applications), Qubit, DNA library preparation, discovery and targeted sequencing, Metagenome Analysis, qPCR and PCR, Gel Electrophoresis, Fragment Analyzer, Qsonica, Tape Station, Pippin Prep, Agilent & Illumina Technology, reference and *deNovo* genome assembly, Illumina miSeq processing.

$\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$  in solids,  $\delta^{13}\text{C}$  and  $\delta^{18}\text{O}$  in carbonates, Collagen Ultrafiltration, Liquid Chromatography, Tandem Mass Spectrometry ( $\text{MS}^2$ ), Extraction of Metabolites and Proteins from Ancient and Modern Samples, Multi-Omic Data Collection.

Metric and non–metric skeletal data collection, human osteological analysis, paleopathological analysis, analysis of cranial modification, mortuary analysis

Brucker pXRF artifact preparation and analysis.

## **Computational**

Python, Bash Scripting, R<sup>®</sup>, LaTeX, Adobe Creative Suite, ForDisc, OsteoWare, and MS office, File Maker Pro

## **Field**

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

## **Language**

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

## **HONORS**

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

Inducted Member | Omicron Delta Kappa Leadership Society (ODK)

Inducted Member | Lambda Alpha Anthropology Honor Society ( $\Lambda\Lambda$ )

## **PROFESSIONAL AFFILIATIONS**

ELSIhub | Member

Society for American Archaeology (SAA) | Member

American Association of Biological Anthropology (AABA) | Member

International Society for Biomolecular Archaeology (ISBA) | Member

National Center for Faculty Development and Diversity (NCFDD) | Member

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