

EMILY ZAVODNY

Curriculum Vitae

Department of Anthropology
University of Central Florida
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EDUCATION

- 2017 Ph.D., Anthropology, The Pennsylvania State University
Dissertation: *New Approaches to Cultural Change and Continuity at the Bronze-Iron Age Transition in Lika, Croatia*
Committee: S. McClure (co-chair), G. Milner (co-chair), J. Balen, D. Kennett, M. Munn, D. Webster
- 2012 M.A. with distinction, Anthropology, The Pennsylvania State University
Chair: G. Milner
- 2010 B.A. *summa cum laude*, Anthropology-Honors, History, Wake Forest University

ACADEMIC APPOINTMENTS

- 2021- Assistant Professor, Dept. of Anthropology, University of Central Florida
- 2019-21 NSF Social, Behavioral, & Economic Sciences Postdoctoral Research Fellow,
Dept. of Anthropology, University of Florida. Advisor: J. Krigbaum
- 2018-19 Graduate Faculty Scholar and Courtesy Assistant Professor,
Dept. of Anthropology, University of Central Florida
- 2017-18 Postdoctoral Scholar, Dept. of Anthropology, The Pennsylvania State University.
Advisor: S. McClure
- 2014-15 Fulbright U.S. Student Fellow-Croatia, Archaeological Museum Zagreb (Advisor:
J. Balen) and Dept. of Archaeology, University of Zagreb (Advisor: H. Potrebica)

RESEARCH AND TEACHING INTERESTS

Human-environment interaction, resilience and sustainability, risk-management strategies, marginal environments, animal husbandry and transhumance, stable isotope geochemistry, faunal analysis, radiocarbon dating, paleoclimate reconstruction, emergence of social complexity and inequality, European prehistory, mortuary archaeology

PUBLICATIONS

Total Number of Citations and h-index

227 total citations on Google Scholar as of January 2025;
Google Scholar h-index: 9

Archaeological and Anthropological Sciences

- Impact Factor: 2.1 (reported by journal)
- Ranked #2 in Archaeology on Google Scholar as of January 2025

Journal of Archaeological Sciences: Reports

- Impact Factor: 1.5 (reported by journal)
- Ranked #6 in Archaeology on Google Scholar as of January 2025

Quaternary International

- Impact Factor: 1.9 (2-year reported by journal)
- Ranked #12 in Geology on Google Scholar as of January 2025

Radiocarbon

- Impact Factor: 2.0 (2-year, reported by journal)
- Ranked #10 in Archaeology on Google Scholar as of January 2025

Refereed Journal Articles¹

8. **E. Zavodny**. 2024. Radiocarbon Dates from the Iapodes collection at the Archaeological Museum in Zagreb, Croatia. *Radiocarbon* doi:10.1017/RDC.2024.122
7. **E. Zavodny**, S. McClure, B. Culleton, E. Podrug, J. Balen, I. Drnić, D. Kennett. 2022. Investigating past livestock mobility using $\delta^{34}\text{S}$ stable isotopes: three preliminary case studies from prehistoric Croatia. *Open Quaternary* 8(13): 1-15
6. **E. Zavodny**. Life and death in Iron Age Ogulinsko-Plaščanski valley: new AMS ^{14}C dates from burial and settlement contexts. 2022. *Vjesnik Arheološkog Muzeja u Zagrebu* 55(1): 43-51
5. S. McClure, E. Podrug, J. Jović, S. Monroe, H. Radde, N. Triozzi, M. Welker, **E. Zavodny**. The Zooarchaeology of Neolithic farmers: herding and hunting on the Dalmatian coast of Croatia. 2022. *Quaternary International* 634: 27-37
4. M. Welker, **E. Zavodny**², S. McClure, E. Podrug, J. Jović, N. Triozzi, D. Kennett. 2022. A wolf in sheep's clothing: the development of livestock guarding dogs in the Adriatic region of Croatia. *Journal of Archaeological Science: Reports* 42: doi.org/10.1016/j.jasrep.2022.103380
3. A. Sharpe, B. Arroyo, G. Ajú, J. Estrada, G. Kamenov, E. Serech, **E. Zavodny**, L. Wright. 2022. Comparison of human and faunal enamel isotopes reveals diverse paleodiet and exchange patterns at the Highland Maya Site of Kaminaljuyu, Guatemala. *Archaeological and Anthropological Sciences* 14(1): 1-17.
2. J. Hoggarth, S. Batty, V. Bondura, E. Creamer, C. Ebert, K. Green-Mink, C. Kieffer, H. Miller, C. Ngonadi, S. Pilaar Birch, C. Pritchard, K. Vacca, T. Watkins, **E. Zavodny**, A. Ventresca Miller. 2021. Impacts of the Coronavirus Pandemic on Women, Historically Under- Represented Communities, and Early Career Archaeologists. *Heritage* 4 (3): 1681-1702
1. **E. Zavodny**, A. Solter, J. Balen, D. Kennett, S. McClure, M. Novak. 2021. Old finds, new data: Early Bronze Age human remains from Vučedol, eastern Croatia. *Journal of Archaeological Science: Reports* 38: doi.org/10.1016/j.jasrep.2021.103032

¹ First author denotes greatest contribution to research design; data collection, analysis, and interpretation; and writing and editing of manuscript.

² Equivalent to first author in contribution to research design; data collection, analysis, and interpretation; and editing of manuscript.

Under Review (G=Current/Former Graduate Student)

3. C. Ebert, **E. Zavodny**, R. George, D. Walker, B. Culleton, D. Kennett, J. Krigbaum. Sustaining Cerro Maya: stable isotope evidence for diverse dietary practices in a Preclassic Maya coastal community. Under review at *Latin American Antiquity*
2. A. Orozco^G, T. Dupras, V. Francigny, **E. Zavodny**. The elite Meritoric experience on Sai Island, Sudan: understanding lived experience via stable isotope analyses. Under review at *Bioarchaeology of the Near East*
1. A. Orozco^G, T. Dupras, S. Branting, **E. Zavodny**...R. Jankauskas. Stable isotopes in an unstable time: understanding diet and social organization at Plinkaigalis, Lithuania. Under review at *Journal of Archaeological Sciences*

In Preparation (G=Current/Former Graduate Student)

2. M. Shaffer^G, S. Barber, **E. Zavodny**, K. Lewis. Using multiple knowledge systems to address shifting baseline syndrome: evaluating fish community structure over long time scales in the Indian River Lagoon, FL. Under review at XXX
1. S. Barber, N. Duncan, T. Penders, **E. Zavodny**, E. Tyler^G, H. Park^G, S. Savateri^G, A. Groff, S. Wheeler. Rediscovering the archaeology of Florida's Space Coast: results from renewed excavations at a Malabar II-period mound site on Cape Canaveral. Under review at *Southeastern Archaeology*

Prior to UCF: Peer-Reviewed Journal Articles¹

- 2020 **E. Zavodny**. Regional Coalescence or Further Regionalization? Identity formation through mortuary rituals at the Bronze-Iron Age transition in Lika, Croatia. *Bioarchaeology International* 4(2): 111-129.
- 2020 S. McClure, **E. Zavodny**², M. Novak, J. Balen, H. Potrebica, I. Janković, D. Kennett. Paleodiet and health in a mass burial population: the stable carbon and nitrogen isotopes from Potočani, a 6200-year-old massacre site in Croatia. *International Journal of Osteoarchaeology* 30: 507- 518
- 2020 E. Podrug, S. McClure, Z. Perhoč, S. Kačar, K. Reed, **E. Zavodny**. Rašinovac near Ždrapanj (Northern Dalmatia)- an Early Neolithic site. *Archaeologia Adriatica* 12:47-97
- 2019 **E. Zavodny**, B. Culleton, S. McClure, J. Balen, D. Kennett. Recalibrating grave good chronologies: new AMS ¹⁴C dates from Bronze-Iron Age Lika, Croatia. *Antiquity* 93: 113-127.
- 2019 **E. Zavodny**, S. McClure, M. Welker, B. Culleton, J. Balen, D. Kennett. Scaling up: stable isotope evidence for the intensification of animal husbandry in Bronze-Iron Age Lika Croatia *Journal of Archaeological Science: Reports* 23: 1055-1065.
- 2017 **E. Zavodny**, B. Culleton, S. McClure, D. Kennett, J. Balen. Minimizing risk on the margins: insights on Iron Age agriculture from stable isotope analyses in central Croatia. *Journal of Anthropological Archaeology* 48: 250-261.
- 2015 **E. Zavodny**, S. McClure, B. Culleton, E. Podrug, D. Kennett. Identifying Neolithic animal management practices in the Adriatic using stable isotopes. *Documenta Praehistorica* XLII: 261-274.
- 2014 **E. Zavodny**, S. McClure, B. Culleton, E. Podrug, D. Kennett. Neolithic animal

- management practices and stable isotope studies in the Adriatic. *Environmental Archaeology* 19(3): 184-195.
- 2013 G. Milner, G. Chaplin, **E. Zavodny**. Conflict and societal change in late prehistoric Eastern North America. *Evolutionary Anthropology* 22: 96-102.

Peer-Reviewed Book Chapters

1. K. Reed, J. Balen, I. Drnić, S. Essert, H. Kalafatić, M. Mihaljević, **E. Zavodny**. 2022. Unearthing millet in Bronze and Iron Age Croatia. in: *Millet and What Else? The Wider Context of the Adoption of Millet Cultivation in Europe*, W. Kirleis, M. Dal Corso, and D. Filipović, eds. Sidestone Press.

Prior to UCF: Book Chapters

- 2020 **E. Zavodny**. Stable carbon and nitrogen isotope results from the Sisak Iron Age settlement, in: *Segestica and Siscia – a settlement from the beginning of history*, I. Drnić, ed. Archaeological Museum, Zagreb, pp. 69-72.
- 2017 **E. Zavodny**. Arheologija prehrane i okoliša tijekom brončanog i željeznog doba u Lici, in: *Japodi, zaboravljeni gorštaci*, L. Bakarić, ed. Archaeological Museum, Zagreb, pp. 147-152.
- 2017 **E. Zavodny** and L. Bakarić. Život na gradini Veliki Vital, in: *Japodi, zaboravljeni gorštaci*, L. Bakarić, ed. Archaeological Museum, Zagreb, pp. 141-146.

Other Published Works

1. J. Šućur, A. Uglešić, K. Gusar, M. Ilkić, Ž. Bedić, **E. Zavodny**, M. Meštrov. 2023. *Na granici dvaju svjetova – projekt MIGRASSI i arheološko istraživanje Maksanove gomile*, Zadar: Sveučilište u Zadru (non-refereed exhibition catalog, ISBN 978-953-331-452-5)

EXTERNAL RESEARCH GRANTS, FELLOWSHIPS, AND AWARDS

As Principle Investigator (6)

- 2024-26 Co-PI with S. Barber, N. Duncan (UCF): *Phase I/II Testing Support at Site 8BR82 and 8BR83 (Season 2) and Phase I/II Testing Support at the LC-1/2/3/4 Original Blockhouse Site (Season 1) Cape Canaveral Space Force Station, Brevard County, Florida*. Funded by University of Chicago Argonne, LLC / Argonne National Laboratory. UCF AWD00006035.
Total Amount: \$250,255 23% Credit: \$57,558.65
- 2023-25 Co-PI with S. Barber, N. Duncan (UCF): *Phase I/II Testing Support at the Penny Site (8BR158), and Phase I/II Testing Support at the NOTU Site (8BR1641), and Phase I/II Testing Support at the DeSoto Grove Site (8BR82) and DeSoto Grove Mound (8BR83)*. Funded by University of Chicago Argonne, LLC / Argonne National Laboratory. UCF AWD00005782.

Total Amount: \$294,750 16% Credit: \$47,160

2023-25 Co-PI with S. Barber, N. Duncan (UCF): *Task 1: Phase I/II testing support at the Penny Site (8BR158), and Task 2: Phase I/II testing support at the NOTU Site (8BR1641)*. Funded by University of Chicago Argonne, LLC / Argonne National Laboratory. UCF AWD00005811

Total Amount: \$240,058 20% Credit: \$48,011.60

2023-24 Co-PI with S. Barber, N. Duncan (UCF): *Phase I/II Testing Support at the Burns Site (8BR85); Phase I/II Testing Support at the Penny Site (8BR158); and Artifact Analysis for the Unnamed Site (8BR232) Cape Canaveral Space Force Station, Brevard County, Florida*. Funded by University of Chicago Argonne, LLC / Argonne National Laboratory. UCF AWD00005675.

Total Amount: \$251,875 16% Credit: \$40,300

2023-24 PI: *Scheduling the seasons: faunal and isotopic evidence for agro-pastoral practices in Bronze Age Lika, Croatia*. Funded by Archaeological Institute of America-National Endowment for the Humanities. UCF AWD00005533.

Total Amount: \$13,975 100% Credit

2023 PI: *Excavations at the earliest Bronze Age hillfort in Lika, Croatia*. Funded by The Rust Family Foundation. UCF AWD00005536.

Total Amount: \$6,200 100% Credit

As Senior Personnel (1)

2024-27 Specialist (PI: T. Earley-Spadoni, UCF): *Kurd Qaburstan as Cityscape: Investigating Spatial Organization and Urban Life in Northern Mesopotamia During the Middle Bronze Age*. Funded by the National Science Foundation (BCS-2344957). UCF AWD00006073

Total Amount: \$284,304 5% Credit: \$14,215.20

Under Review

n.d. Specialist (PI: J. Šućur, University of Zadar): *Death, Ritual, and Transformation: Christianization and the Evolution of Burial Practices in the Early Middle Ages (DERT)*. Submitted to HRZZ, Croatian - Czech bilateral project (WEAVE)

n.d. Specialist (PI: I. Drnić, Arheoloski Muzej u Zagrebu): *Archaeology of the Kupa River Valley in the Late Bronze and Iron Ages (ArchKRiver)*. Submitted to HRZZ

Prior to UCF

2019-21 Co-PI with J. Krigbaum (UF), National Science Foundation Social, Behavioral, & Economic Sciences Postdoctoral Research Fellowship: *Paleoecology and new perspectives on domesticated animals from faunal and stable isotope analyses*

- (BCS-1911649). Total Amount: \$148,000
- 2019 PI, National Geographic Early Career Grant: *Risk and Reward in the Bronze Age: the development of sociopolitical complexity in central Croatia* (EC-53612R-19). Total Amount: \$9,740
- 2018-24 Specialist (PI: D. Riebe, UGA), National Science Foundation: *Brokered Boundaries: Reconstructing Prehistoric Interaction Networks on the Great Hungarian Plain* (BCS-1827362).
- 2015-17 Co-PI with S. McClure, G. Milner (PSU), NSF Doctoral Dissertation Research Improvement Grant: *Emergence of Inequality at the End of the Bronze Age in Northern Croatia* (BCS-1462124). Total: \$30,080
- 2015 PI, Explorers Club Exploration Grant: *Hillfort Function in Bronze-Iron Age Lika* Total Amount: \$1,000
- 2014-15 PI, IIE Fulbright U.S. Student Research Fellowship in Zagreb, Croatia: *The Iapodes: changing burial practices in Bronze Age northern Croatia*. Total Amount: \$17,570

INTERNAL RESEARCH GRANTS, FELLOWSHIPS, AND AWARDS

Grants (3)

- 2023-24 PI, College of Sciences Research Seed Funding Program: Ahead of the herd: building 87Sr/86Sr analytical capabilities at UCF to retrace livestock mobility in the past. Total: \$27,405
- 2022 Co-awarded with J. Schultz, College of Sciences Non-Recurring Funding Initiative: Funding Request for Materials Used for Teaching and Research in Archaeology and Forensic Science. Total: \$505
- 2021-22 Co-awarded with J. Walker, UCF Office of Research Mentoring Opportunity for Assistant Professors. Total: \$1500

Awards (1)

- 2025 Outstanding Scholarship, Creative Works, and Research (OSCaR) award, College of Sciences

Not Awarded (1)

- n.d.* co-PI with E. Hanson (Chemistry, National Center for Forensic Science). DNA-based Sexing of Archaeological Animal Remains from Neolithic Farming Communities on the Croatian Coast. Submitted to UCF Seed Funding Program. Total: \$11,150

Prior to UCF

- 2016 Penn State Research and Graduate Studies Office Dissertation Support Fellowship
- 2014-16 Penn State Office of Global Programs international conference travel awards (x3)
- 2014 Penn State Department of Anthropology Hill Post-Comprehensive Fellowship
- 2013 Penn State Department of Anthropology Hill Pre-Comprehensive Fellowship
- 2012 Penn State Fred Matson Archaeological Institute of America Student Fellowship
- 2012-16 Anthropology Department travel grants to attend professional meetings (x5)

RESEARCH AND FIELDWORK

- current* Co-PI and Zooarchaeologist, Cape Canaveral Archaeological Mitigation Project. PI: S. Barber, UCF. Funded by Argonne National Laboratories.
- current* Stable isotope specialist, *Tradicija ili tranzicija: prapovijesni obrasci ponašanja i privredno – okolišne dinamike u sjevernoj Dalmaciji (TraP)*. PI: K. Horvat, University of Zadar.
- current* Zooarchaeologist, *Brokered Boundaries: Reconstructing Prehistoric Interaction Networks on the Great Hungarian Plain*. PI: D. Riebe, UGA. Funded by NSF BCS-1827362.
- 2020-23 Stable isotope specialist, *Migracije na razmeđu svjetova u svjetlu analize stabilnih izotopa (MIGRASSI)*. PI: J. Šućur, University of Zadar (<https://crosis.hr/projekti/projekt/6452>)
- 2019-20 Co-Director with T. Kolak (Muzej Like Gospić), *Risk and Reward in the Bronze Age: the development of sociopolitical complexity in central Croatia*. Funded by National Geographic EC-53612R-19.
- 2014-17 Project Member (Field Archaeology, Zooarchaeology, Stable Isotope Analysis), *Cultural and Biological Approaches to Domestic Animal Management in Neolithic Dalmatia*. PIs: S. McClure (Penn State), E. Podrug (Šibenik City Museum), D. Kennett (Penn State). Funded by NSF (BCS-1430823).
- 2015 Field Archaeologist, Rescue excavations in Baranja, Croatia. PI: J. Balen (Archaeological Museum in Zagreb)
- 2014 Field Archaeologist, *The Palenque Pool Project* (Chiapas, Mexico). PI: K. French (Penn State). Funded by National Geographic Society/Waitt Foundation.
- 2012-13 Project Member (Field Archaeologist, Ceramic Analysis, Stable Isotope Analysis) *Neolithic Landscapes of Central Dalmatia: Archaeological Survey, Excavation, and Spatial Analysis*. PIs: S. McClure (Penn State) and E. Podrug (Šibenik City Museum). Funded by National Geographic Society.
- 2012 Field Archaeologist, *The Roman Forum Excavations Project at Butrint*. PI: D. Hernandez (Notre Dame)
- 2011-15 Research Assistant, *Late Prehistoric Warfare in Eastern North America: Spatial and Temporal Variation in its Nature and Intensity*. PIs: G. Milner and G. Chaplin (Penn State). Funded by NSF (BCS-1049464)

INVITED SCHOLARLY PRESENTATIONS

- 2024 “Surf and Turf: zooarchaeometry as a tool for understanding the role of environment in shaping past risk-management systems in Croatia and Florida.” University of Georgia, Dept. of Anthropology, Jan. 13.
- 2021 “Building the seasonal round: faunal and isotopic evidence for agro-pastoral scheduling in Bronze Age Lika, Croatia.” University of New Mexico-Center for Stable Isotopes, Nov. 29

Prior to UCF

- 2018 “Insights on Bronze and Iron Age agriculture from stable isotope analyses in Lika, Croatia.” Dept. of Anthropology, University of Central Florida.

- 2015 “Using stable isotopes to reconstruct diet in prehistoric Croatia.” Institut za arheologiju, Zagreb, Croatia.

PROFESSIONAL PRESENTATIONS (*Invited; G=Current/Formal Graduate Student, U=Current/Formal Undergraduate Student)

20. **E. Zavodny**, C. Hausdorf^U, V. Nuccio, J. Dani, D. Riebe. 2025. Where the Wild Things Are: Reassessing Late Neolithic Socio-Cultural Variation on the Great Hungarian Plain through Isotopic Analyses. Accepted paper, 2nd Conference on the Emergence of the Neolithic in Europe. Zadar, Croatia
19. D. Riebe, **E. Zavodny**, S. Allen, J. Dani. 2025. All the Small Things: Reconstructing Changes in Environment and Diet at the Late Neolithic Site of Csökmő-Káposztás-domb. Paper, Annual Meeting of the Society for American Archaeology (SAA)
17. O. Fields^U, **E. Zavodny**, T. Penders, N. Duncan. Estimating Change Over Time in Catfish Size at Prehistoric sites at Cape Canaveral. Poster, Southeastern Archaeological Conference (SEAC)
16. C. Hausdorf^U, M. Langgle^U, **E. Zavodny**, T. Penders, S. Barber. 2024. Statistical Analysis of the Whelk Shell Population at the Burns Site (8Br58) on Cape Canaveral Florida. Poster, SEAC
15. J. Šućur, Ž. Bedić, and **E. Zavodny**. 2024. Metodološka potka projekta MIGRASSI – multidisciplinarni pristup istraživanju nekropole sa stećcima na periferiji njihova rasprostriranja. Paper, Stećci in the 21st Century: New Insights and Interpretative Possibilities, Mostar, Bosnia & Herzegovina
14. **E. Zavodny**. 2024. Picking up the pieces: zooarchaeological and archaeometric analyses of fragmented bone from the first Lasinja-culture site in Lika, Croatia. Paper, European Association of Archaeologists (EAA)
13. A. Caraballo-Santiago^G, **E. Zavodny**, J. Krigbaum. 2024. Application of ZooMS to Faunal Assemblages from Prehistoric Croatia to Provide Insights on Identification and Preservation. Poster, EAA
12. B. Muir^G, **E. Zavodny**, J. Šućur, and Ž. Bedić. 2024. Life on a troubled border: preliminary results from stable isotope investigations at a late medieval site in Dalmatia, Croatia. Paper, International Symposium on Archaeometry
11. Z. Boal^G, C. Hadden, S. Barber, and **E. Zavodny**. 2024. Reconstructing seasonality at the Burns Mound Site (8BR85), Cape Canaveral, Florida using oxygen isotopes from *Donax variabilis*. Poster, Society for American Archaeology (SAA)
10. K. Whelton^G, N. Duncan, J. Walker, and **E. Zavodny**. 2024. Evaluating long-term trends in seasonality and land-use changes in the post-Contact Llanos de Mojos. Poster, SAA
9. Z. Boal^G, C. Hadden, S. Barber, and **E. Zavodny**. 2023. Reconstructing seasonality at the Burns Mound Site (8BR85), Cape Canaveral, Florida using oxygen isotopes from *Donax variabilis*. Poster, SEAC
8. N. Duncan, S. Barber, **E. Zavodny**, A. Groff, S. Wheeler, and T. Penders. 2023. Archaeology in Time and Space: Teaching and Learning Archaeology at Cape Canaveral Space Force Station. Poster, SEAC
7. S. Barber, N. Duncan, A. Groff, **E. Zavodny**, and T. Penders. 2023. The Burns Site: Results of Recent Research at 8BR85 on Cape Canaveral Space Force Station. Poster, SEAC

6. J. Šućur, Ž. Bedić, and **E. Zavodny**. 2023. The MIGRASSI project – life and death on the troubled border between the Republic of Venice and the Ottoman Empire. Paper, Archaeology of Conflict, Hradec Králové, Czech Republic
5. ***E. Zavodny**, Tatjana Kolak, Dalibor Šušnjić. 2022. Preliminary results from the 2019 excavations at the prehistoric hillfort of Piplica. Poster, Hrvatskog arheološkog društva
4. ***E. Zavodny**, M. Novak, A. Đukić. 2022. Multi-isotope study of a Late Bronze Age population in Lika, Croatia. Paper, Hrvatskog arheološkog društva
3. **E. Zavodny**, M. Novak, A. Đukić, G. Kamenov, J. Krigbaum. 2022. Multi-isotope study of a Late Bronze Age population in Lika, Croatia. Paper, EAA.
2. **E. Zavodny**, J. Jović, T. Kolak, J. Krigbaum, G. Kamenov. 2022. Multi-isotope investigation of transhumance and herd management at a Copper Age site in Lika, Croatia. Paper, SAA.
1. **E. Zavodny**, M. Welker, S. McClure. 2021. Fido in the field: new morphometric and stable isotope evidence for human-dog relationships in prehistoric Croatia. Paper, EAA.

Accepted Papers Not Presented

1. **E. Zavodny**. Zoo-archaeometric analyses reveal the communalization of herd management in late prehistoric Croatia. Accepted paper, 2025 Annual Meeting of the Archaeological Institute of America. Unable to present.

Prior to UCF

- 2020 **E. Zavodny** and J. Krigbaum. Building the seasonal round: faunal and isotopic evidence for agro-pastoral scheduling in Late Bronze Age, Lika, Croatia. Accepted Paper, 9th World Archaeological Conference, Prague (canceled)
- 2020 **E. Zavodny**, D. Šušnjić, T. Kolak, J. Krigbaum. Risk and reward in the Late Bronze Age: preliminary faunal and isotopic results from excavations at the Piplica hillfort in Lika, Croatia. Poster, SAA (canceled)
- 2019 McClure, S., E. Podrug, D. Kennett, C. Ebert, J. Jović, N. Triozzi, M. Welker, **E. Zavodny**. Human-animal dynamics of the Neolithic Dalmatian coast of Croatia: A Multi-Proxy Study. Paper, 1st Conference on the Early Neolithic of Europe
- 2019* **E. Zavodny**. Amber runs through it: the centralization of wealth and power in late prehistoric Lika, Croatia. Paper, SAA
- 2019* C. Ebert and **E. Zavodny**. Societal cycling influenced by climatic variability among early agricultural communities: comparative perspectives from Belize and Croatia. Paper, SAA
- 2018 **E. Zavodny**, B. Culleton, S. McClure, D. Kennett, J. Balen. Recalibrating grave good chronologies: new AMS ¹⁴C dates from Bronze-Iron Age Lika, Croatia. Paper, EAA
- 2018 **E. Zavodny**, M. Welker, S. McClure. A pawisitively interesting prehistory of dogs: new stable isotope and morphometric analyses from Croatia. Poster, SAA
- 2017* **E. Zavodny** and S. McClure. The cultural ecology of Croatia's cattle: stable isotope and zooarchaeological analyses of an indigenous breed. Paper, SAA
- 2016 **E. Zavodny**, B. Culleton, S. McClure, D. Kennett, J. Balen. Stable isotope markers of herd management in prehistoric Croatia. Paper, EAA
- 2016 **E. Zavodny**, B. Culleton, S. McClure, D. Kennett, E. Podrug, J. Balen. Differentiating animal management strategies in prehistoric Croatia using stable isotopes. Paper, Stable Isotopes in Zooarchaeology Workshop, Athens, GA

- 2016 **E. Zavodny**, B. Culleton, S. McClure, D. Kennett, J. Balen. The Iapodians in Iron Age Europe: a stable isotope and radiocarbon dating program in northern Croatia. Poster, SAA
- 2015* **E. Zavodny**, B. Culleton, S. McClure, D. Kennett, J. Balen. The Iapodians in Iron Age Europe: a stable isotope and radiocarbon dating program in northern Croatia. Paper, EAA
- 2015 **E. Zavodny**, B. Culleton, S. McClure, D. Kennett, J. Balen, E. Podrug. Tracking the movement of millet in prehistoric Croatia using stable carbon and nitrogen isotopes. Paper, Socio-Environmental Dynamics over the Last 12,000 Years Workshop, Kiel
- 2014 **E. Zavodny**, B. Culleton, S. McClure, D. Kennett, J. Balen. Culture change at the end of the Bronze Age: Iapodian burials in Croatia. Poster, SAA
- 2013 **E. Zavodny**, B. Culleton, S. McClure, D. Kennett, E. Podrug. Stable isotope analyses of domesticated animal bone and teeth in Croatian archaeology. Poster, SAA
- 2012* **E. Zavodny**, G. Milner, G. Chaplin. Temporal and spatial variation in late prehistoric warfare in Eastern North America. Paper, SAA

TEACHING AND MENTORING

Research Advising and Mentoring

Chair, M.A. in Anthropology (4)

- in progress* 1. Jacqueline Houser
- 2025 2. Angelinne Moreno (co-chair N. Duncan): *Testing Phytolith Analysis on Dental Calculus of Animal Teeth from Bronze Age Lika, Croatia*
- 2024 3. Zachary Boal: *Reconstructing seasonality at the Burns Mound Site (8BR85), Cape Canaveral, Florida using oxygen isotopes from Donax variabilis*
4. Kathryn Whelton: *Evaluating long-term trends in seasonality and land-use changes in the post-Contact Llanos de Mojos*

Committee, M.A. in Anthropology (2)

- in progress* 1. Lydia Kiernicki (Chair: N. Duncan)
- 2024 2. Richard Davis (Chair: S. Barber)

Prior to tenure-track position (2)

- 2019 Alexandria Brock, Rachel Gregoire (Chair: T. Dupras)

Co-Chair, Ph.D. in Anthropology (1)

- in progress* 1. Melissa Gomez (co-chair): *Integrated Analyses of Archaeological Bahamian Hutia to Reconstruct Lucayan Taino Ecological Adaptation and Foodways*

Committee, Ph.D. in Anthropology (7)

- in progress* 1. Kenneth Tremblay (Chair: J. Toyne); 2. Emily Tyler (Chair: S. Barber);
3. Kelly McGehee (Chair: J. Schultz), 4. C. Trent (Chair: D. Adams);
5. Ty Karnitz (Chair: T. Matejowsky)
- 2024 6. Stephanie Fuehr (Chair: J. Schultz)

2023 7. Alexandria Brock (Chair: T. Dupras)

Committee, Other Ph.D. Programs (1)

in progress 1. Morgan Peters, UCF Chemistry (Chair: E. Hanson)

Chair, Honors Undergraduate Thesis (2)

2024 1. Otis Fields: *Changing size of catfish as proxy for resource exploitation on the prehistoric coast at Cape Canaveral*
2. Alexandria Griffin: *Identifying the use of turtles and tortoises at the prehistoric Penny site at Cape Canaveral*

Committee, Honors Undergraduate Thesis (5)

in progress 1. Faith Hendrix (Chair: L. Williams); 2. Alaina Waldo (Chair: N. Duncan)
2024 3. Milan Alblinger (Chair: L. Williams); 4. Melanie Langgle (Chair: S. Wheeler);
5. Allyson Shenkman (Chair: S. Barber)

Supervisor, Undergraduate Research in Anthropology

2025 1. Jacob Gelman, Mairin O'Malley, Emily Peterson, Jazzmine Rosas. *Penny Artifact Analysis*. To be presented at UCF Amy Zeh High-Impact Practice Student Showcase, April 2025
2024 2. Richard Davis, Channing Cook, Faith Hendrix, Kiera Parker, Reilley Walker, Emily Tinsley: *Penny Site Faunal Analysis*. Presented at UCF Student Scholar Symposium (SSS)
3. Alexandria Griffin: *Identifying the use of turtles and tortoises at the prehistoric Penny site at Cape Canaveral*. Presented at UCF SSS, Florida Archaeology Society
2023 4. Allyson Shenkman: *An Examination of Diet Change Over Time in the Ais Community of Cape Canaveral, Florida*. Presented at UCF SSS, Judge's Choice Award winner
5. Jacqueline Houser; *Relocating the Original Bumper Missile Blockhouse*. Presented at UCF SSS, Florida Archaeological Society, Southeastern Archaeology Conference

Teaching Activities

UCF Instructor of Record since 2021 (P-in person; M-mixed mode; W-online)

Undergraduate courses:

General Anthropology ANT2000 (P: 2022, M:2021-22)
Human Species ANT2511 (W:2022-24)
Archaeological Sciences ANT4183 (P: 2022, M: 2023, W:2024, 2025)
Archaeological Method and Theory ANT4115C (M:2023, 2025)
Honor Undergraduate Directed Reading or Thesis ANT4903H/4970H (P: 2023,2024)

Graduate Courses:

Independent Study ANG6908 (2022)

Thesis ANG6971 (2023-24)

Dissertation ANG7980 (2023-25)

Guest Lectures

2024 Origins of Agriculture, Dept. of Anthropology, University of Cincinnati, Oct. 3

2024 ANTH 1750/2351: Stable Isotopes in Archaeology, Dept. of Anthropology, University of Pittsburgh, Feb. 21.

2022 ANTH 1750/2351: Stable Isotopes in Archaeology, Dept. of Anthropology, University of Pittsburgh, Feb. 23.

Pedagogical Development

2019 IDL6543: award-winning faculty development program for online teaching (UCF)

2018 ADL5000: online faculty teaching program (UCF)

Awards and Recognition

2024 COS Inclusive Design Badge for ANT4115C

2023 AIM High Group Impact Award- awarded to Anthropology faculty teaching ANT2000 and ANT2511 by UCF Affordable Instructional Materials (AIM) Initiative

2022-25 Recognition for use of Open Educational Resources by UCF Affordable Instructional Materials (AIM) Initiative

SERVICE

To the Department

2024-present Member, Graduate Program Committee

2024-present Chair, Trevor Colbourn Anthropology Endowment Fund Committee

2023-2024 Member, Trevor Colbourn Anthropology Endowment Fund Committee

2021-present Department Liaison to UCF Libraries

2022-2023 Member, Undergraduate Program Committee

2022-2023 Member, Instructor/Lecturer Promotion Committee

To the College

2024-present COS Graduate Fellowship & Awards Committee

2024-present COS Research Committee

2024-present COS Research Incentive Award Selection Committee

2023 COS Recognition & Scholarship Committee

2022-23 COS Teaching Incentive Program Selection Committee

To the Profession

Invited Peer-Review of Journal Manuscripts

2025 *Archaeological and Anthropological Sciences* (1)

- 2024 *Archaeological and Anthropological Sciences* (1), *Childhood in the Past* (1), *Environmental Archaeology* (1), *Scientific Reports* (2)
- 2023 *Journal of Archaeological Science: Reports* (1), *Quaternary International* (1), *Scientific Reports* (1)
- 2022 *American Journal of Biological Anthropology* (1), *Interdisciplinaria Archaeologica Natural Sciences in Archaeology* (1), *Radiocarbon* (1)

Prior to UCF

Journal of Anthropological Archaeology, Radiocarbon, Proceedings of the Royal Society B, Journal of Archaeological Science: Reports, Geosciences, PLoS One, International Journal of Osteoarchaeology

Invited Peer-Review of External Grant Proposals:

- 2024 National Science Foundation Review Panel
- 2022 National Science Foundation (1), National Geographic Society (2)

English language editor:

- 2015 *Prilozi Instituta za arheologiju u Zagrebu*

To the Community

- 2024 Consultant for Archaeological Collections, Orlando Science Center
- 2022-23 Invited Expert for annual “Dino Dig” activity at The Cornerstone School (Ocala, FL) to meet with first grade classes about their STEM project involving excavation and analysis of animal bones

Invited Talks

- 2023 Public Talk: *Building the seasonal round: faunal and isotopic evidence for agro-pastoral scheduling in Late Bronze Age Lika, Croatia*. Jacksonville, FL Chapter of the Archaeological Institute of America, February 18.
- 2023 Public Talk: *Multi-isotope investigation of herd management at a Copper Age site in Lika, Croatia*. UCF Department of Anthropology Lunch and Learn Series, April 12.

Prior to UCF

- 2020 Public Talk: *Understanding the Bronze-Iron Age transition in Lika, Croatia*. Undergraduate Anthropology Student Association, University of Florida.
- 2016 Public Talk: *The archaeology of diet and environment in Iron Age Lika/ Arheologija prehrane i okoliša tijekom željeznog doba u Lici*. Muzej Like Gospić, Croatia.

ORGANIZATIONS/AFFILIATIONS

Society for American Archaeology; European Association of Archaeologists; Archaeological Institute of America; International Council for Archaeozoology; Phi Beta Kappa Honor Society