

Kelsi Kuehn

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Personal Statement

Anthropologist and advanced doctoral candidate (defense anticipated September 2026) with Instructor of Record experience and applied training across biological, cultural, and forensic anthropology. Prepared to step directly into core biocultural coursework (e.g., ANTH 175, ANTH 369) while providing Master's-level forensic expertise to support the department's new Fall 2026 Forensic Anthropology Concentration. Highly familiar with the UO Anthropology curriculum and ready to offer immediate instructional coverage for introductory and advanced forensic and osteology courses (e.g., ANTH 176, ANTH 366).

Education

2020-current Ph.D. Candidate

Department of Anthropology
University of Oregon

Faculty Advisor: Dr. J. Josh Snodgrass

Dissertation: *Beyond the Binary of Bone: Biocultural Perspectives on Skeletal Embodiments of Stress*

Anticipated Defense Date: September 1, 2026

2018-2020 M.A. Applied Anthropology

Department of Anthropology
University of South Florida (USF)

Thesis: *Laser-Induced Breakdown Spectroscopy for Elemental Analysis in Bioarchaeology and Forensic Anthropology*

First Reader: Dr. Jonathan Bethard

Second Reader: Dr. Matthieu Baudelet

2013-2017 B.A. Anthropology, Certificate: Human Biology

University of Central Florida (UCF)

Teaching Experience

Educator with formal pedagogical training and multiple terms as an Instructor of Record. Experienced in designing syllabi, leading large lectures, managing intensive laboratory sections (e.g., ANTH 366), and adapting courses to hybrid formats. Teaching practice emphasizes inclusive pedagogy and translating applied biocultural and forensic research into practical skills for undergraduate students.

Instructor of Record

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| 2025 | Fall Term. Human Osteology Lab (ANTH 366).
Summer Term. Human Biological Variation (ANTH 362), summer session 2. |
| 2024 | Summer Term. Human Biological Variation (ANTH 362), summer session 2. |
| 2023 | Fall Term. Human Osteology Lab (ANTH 366).
Summer Term. Human Biological Variation (ANTH 362), summer session 2. |
| 2022 | Summer Term. Human Biological Variation (ANTH 362), summer session 2. |

Graduate Teaching Assistant

- 2026** **Spring Term.** Intro to Forensic Anthropology (ANTH 176), Dr. Lawrence Ulibarri.
Winter Term. Human Biological Variation (ANTH 362), Dr. Alicia DeLouize.
- 2025** **Spring Term.** Human Biological Variation (ANTH 362), Dr. L. Zachary DuBois.
Winter Term. Intro to Biological Anthropology (ANTH 270), Dr. Lawrence Ulibarri.
- 2024** **Fall Term.** Intro to Forensic Anthropology (ANTH 176), Dr. Lawrence Ulibarri.
Winter Term. Intro to Biological Anthropology (ANTH 270), Dr. Lawrence Ulibarri.
- 2023** **Spring Term.** Intro to Forensic Anthropology (ANTH 176), Dr. Lawrence Ulibarri.
- 2022** **Fall Term.** Intro to Forensic Anthropology (ANTH 176), Dr. Lawrence Ulibarri.
Winter Term. Human Growth and Development (ANTH 369), Dr. J. Josh Snodgrass.
- 2021** **Fall Term.** Human Biological Variation (ANTH 362), Dr. L. Zachary DuBois.
Winter Term. The Evolution of Human Sexuality (ANTH 173), Dr. Frances White.
- 2020** **Fall Term.** Human Growth and Development (ANTH 369), Dr. J. Josh Snodgrass.
- 2019** **Graduate Teaching Assistant: University of South Florida**
Human Osteology/Osteometry (ANT 4525/ANG 6525), Dr. Jonathan Bethard.

Guest Lecturer

- 2024** **SPICE Camp, University of Oregon**
Summer Term. Forensic Anthropology lecture series.
- 2022** **Oregon Young Scholars Program, University of Oregon**
Summer Term. Forensic Anthropology lecture series.
- 2019** **Orange County Public Schools Teach-In: Brookshire Elementary School**
Presentation topic: Introduction to Forensic Anthropology.
Winter Park, FL. (November 21st)

Research & Laboratory Experience

Biocultural anthropologist investigating the physiological embodiment of systemic inequality and stress using osteological, mixed methods, and biomarker analyses. Laboratory manager with extensive experience across three UO facilities (SPIT, STAR, GHBL). Regularly develops research protocols and trains undergraduate mentees, bridging active scientific inquiry with classroom instruction.

2024-current Graduate Researcher. Stress Physiology Integrative Team (SPIT) Lab.

University of Oregon. Supervisor: Dr. Birdie Shirtcliff (SPIT Lab Director).

- Training and support of undergraduate student researchers, including lab/research protocols, conference preparation, and academic mentoring.
- Development of novel methods for assessing puberty and aging based on cranial suture fusion.

2021 STAR Lab Coordinator. STress, Adaptation, and Resilience (STAR) Lab.

University of Oregon. Supervisor: Dr. L. Zachary DuBois (STAR Lab Director).
(March 2021-September 2021)

- Communicated with study participants to schedule interviews and in-person data collection meetings.
- Trained student volunteers in transcription, qualitative data analysis, and biomarker data collection.
- Met with participants to conduct interviews and collect biomarker data.

- Assembled salivary sample collection kits, managed the distribution of kits to participants, organized the kit materials and data after saliva was collected and returned by participants.
- Data entry, management, and organization.
- Transcribed, checked, and edited recorded interviews.
- Contributed edits to Dr. DuBois's "Biomarker and Anthropometric Data Collection Protocols" manual.

2020-current Graduate Researcher, STress, Adaptation, and Resilience (STAR) Lab.

University of Oregon. Supervisor: Dr. L. Zachary DuBois (STAR Lab Director).

- Data entry, management, and organization. Qualitative and quantitative data analysis for research dissemination.
- Training and support of undergraduate student researchers, including lab/research protocols, conference preparation, and academic mentoring.
- Update research study's website and maintain communication between lab members and national research group.

Graduate Student Researcher, Global Health Biomarker Laboratory (GHBL).

University of Oregon. Supervisor: Dr. J. Josh Snodgrass (GHBL Co-Director).

- Development and application of minimally invasive health data collection techniques.
- Training and support of undergraduate student researchers/mentees, including lab/research protocols, conference preparation, and academic mentoring.

2019-2020 Bioarchaeologist/Archaeological Field Technician, Reflections of Manatee.

Supervisor: Sherry Svekis

- Phase III investigation at Manatee Mineral Springs Park.

Bioarchaeologist/Archaeological Field Technician, Panamerican Consultants, Inc. (Cultural Resource Management)

Supervisor: Greg Mikel

- Aided in analysis and inventory of human/faunal remains and artifacts.
- Assisted with multiple Phase I and Phase II projects throughout Florida.

2018-2020 Graduate Student Assistant, Florida Institute of Forensic Anthropology and Applied Science (IFAAS).

University of South Florida. Supervisor: Dr. Erin Kimmerle.

- Assisted with forensic casework and laboratory analysis.
- Performed outdoor research facility operations as needed.

2015-2017 Undergraduate Research Assistant, National Center for Forensic Science (NCFS).

University of Central Florida. Supervisor: Dr. Matthieu Baudalet.

- Assisted in research related to elemental analysis in bioarchaeological and forensic anthropological contexts.

2015 Program Participant, Adult Osteology Research Workshop.

Odorheiu Secuiesc, Romania. Supervisor: Dr. Jonathan Bethard, USF.

- Aided in skeletal analyses of adult bioarchaeological collection.

Program Participant, Bioarchaeology of Children: Juvenile Osteology Research Workshop - Victims of Change.

Odorheiu Secuiesc, Romania. Supervisor: Dr. Jonathan Bethard, USF.

- Aided in skeletal analyses of juvenile bioarchaeological collection.

Publications (*Undergraduate student mentee)

Biological and forensic anthropology scholar with a publication record focused on inclusive methodologies, biocultural health analyses, and the skeletal embodiment of stress. Actively publishes in peer-reviewed journals across disciplines, ensuring course materials remain aligned with current research standards and methodological debates.

In Preparation

DuBois, L.Z., **Kuehn, K.**, SturtzSreetharan, C. "Unseen Identities: The Intersection of Forensic Anthropology and Gender Inclusivity." In prep. for submission to *Current Anthropology*.

Kuehn, K. "How Stress Becomes Bone: Differential Embodiment of Perceived Stress and Discrimination via Inflammatory Pathways in the MIDUS 2 Cohort" In prep. for submission to the *American Journal of Human Biology*.

Published

2025

DuBois, L.Z., **Kuehn, K.**, SturtzSreetharan, C. "A critical reflection of skeletal sex estimation and inclusive practices." Commentary on Meloro et al., "A framework for incorporating diverse gender identities into forensic anthropology casework and theory: Recommendations for inclusive practices." *Current Anthropology*.

Kuehn, K., Livingston, K. M., Bethard, J. D., & Baudalet, M. "Association of commingled human skeletal remains by their elemental profile using handheld laser-induced breakdown spectroscopy." *Forensic Science International*.

SturtzSreetharan, C., **Kuehn, K.**, Jolly, D., Puckett, J., Hope, D., Mocarski, R., Dunn, T., Juster, R-P., DuBois, L. Z. "Thriving through caring for the self and connecting with others: Lessons of Trans Resilience and Health." *International Journal of Transgender Health*.

2024

Puckett, J. A., Hanson, C., Dunn, T., **Kuehn, K.**, & DuBois, L. Z. "An examination of predictors of prejudice against transgender individuals." *Journal of Homosexuality*.

Puckett, J.A., Price, S., Dunn, T., **Kuehn, K.**, Kimball, D., Hope, D. A., Mocarski, R., Juster, R-P., & DuBois, L. Z. "Legal Gender Affirmation, Psychological Distress, and Physical Health Issues: Indirect Effects via Enacted Stigma." *Sex Res Soc Policy*.

2023

DuBois, L. Z., Puckett, J. A., Price, S., **Kuehn, K.**, Lash, B., Walker, T., Holt, N., Ralston, Huit, T. Z., A. L., Miles, M., Volk, S., Capannola, A., Tipton, C., Hope, D. A., Mocarski, R., Juster, R-P. "The impact of sociopolitical events on transgender people in the US." *The Bulletin of Applied Transgender Studies*.

2022

Puckett, J. A., Hanson, C., Dunn, T., **Kuehn, K.**, DuBois, L. Z. "An Examination of Predictors of Prejudice against Transgender Individuals." *Journal of Homosexuality*.

2020

Kuehn, KN. "Laser-Induced Breakdown Spectroscopy for Elemental Analysis in Bioarchaeology and Forensic Anthropology." (MA thesis, University of South Florida).

Presentations (*Undergraduate student mentee)

Actively disseminates research on physiological stress, human biology, and inclusive scientific practices at major national conferences, including the American Association of Biological Anthropologists and the Human Biology Association. Frequently collaborates with and mentors undergraduate researchers through the university symposium and national conference presentation process.

Conference Presentations

- 2026** **Kuehn, K.** "How stress becomes bone: Differential embodiment of perceived stress and discrimination via inflammatory pathways in the MIDUS 2 cohort." Poster presentation. American Association of Biological Anthropologists 95th Annual Meeting, Denver, CO.
- 2025** DuBois, L. Z., Jolly, D., **Kuehn, K.**, Puckett, J. A., Powers, S. I., Hope, D. A., Mocarski, R., Juster, R-P. "Pride protects where it counts: State moderates the relationship between transgender identity-pride and allostatic load." Poster presentation. Human Biology Association 50th Annual Meeting, Baltimore, MD.
- 2024** Jolly, D., **Kuehn, K.**, *Locke, A., Hope, D. A., Mocarski, R., Juster, R-P., Puckett, J. A., & DuBois, L. Z. "Systemic inflammation, gender minority stress, and resilience among transgender and gender diverse people in the United States." Poster presentation. Human Biology Association 49th Annual Meeting, Los Angeles, CA.
- 2023** **Kuehn, K.**, DeLouize, A., Walker, T., Jolly, D., Puckett, J. A., Hope, D. A., Mocarski, R., Juster, R-P., DuBois, L. Z. "Successful implementation of inclusive community-based research practices demonstrates enhanced compliance for minimally invasive biomarker data collection in a multi-site, longitudinal study." Podium presentation. Human Biology Association 48th Annual Meeting, Reno, NV.
- 2022** Walker, T., **Kuehn, K.**, DeLouize, A., DuBois, L. Z. "Coping with Discrimination and Stress: Creative Activity and Health Among a Sample of Transgender and Gender Diverse people in the U.S." Poster presentation. American Association of Biological Anthropologists 91st Annual Meeting, Denver, CO.
- 2021** **Kuehn, K.**, Baudelet, M., Bethard, J. D. "Laser-Induced Breakdown Spectroscopy for Categorization of Human Skeletal Remains." Poster session, panel discussion. American Academy of Forensic Sciences 73rd Annual Scientific Meeting, virtual meeting.
- Kuehn, K.**, Baudelet, M., Bethard, J. D. "Laser-Induced Breakdown Spectroscopy for Categorization of Human Skeletal Remains." Poster presentation. American Association of Biological Anthropologists 90th Annual Meeting, virtual meeting.
- 2020** **Kuehn, K.** & Baudelet, M. "Laser-Induced Breakdown Spectroscopy for Categorization of Human Skeletal Remains." Abstract submission. American Association of Biological Anthropologists 89th Annual Meeting, Los Angeles, CA (meeting canceled).

Other Presentations

- 2025** *Dunn, A. M., *Hwang, D.I., **Kuehn, K.**, Van Steenis, A. L., Willette, A. A., Pfeifer, J., Shirtcliff, E. A. "A Novel Metric of Adolescent Pubertal Growth: Cranial Age of the Spheno-Occipital Synchondrosis." Undergraduate Research Symposium. Poster & Works in Progress presentations. University of Oregon.
- 2016** **Kuehn, K.**, Schultz, J. J., Baudelet, M. "Applications of Laser-Induced Breakdown Spectroscopy in Forensic Anthropology." Poster presentation. CREOL, The College of Optics and Photonics Industrial Affiliate's Day. UCF, Orlando, FL.
- Kuehn, K.**, Schultz, J. J., Baudelet, M. "Applications of Laser-Induced Breakdown Spectroscopy in Forensic Anthropology." Poster presentation. Research and Mentoring Program Showcase of Undergraduate Research Expo. UCF, Orlando, FL.

Mentorship & Institutional Service

Academic mentor with an established record of undergraduate research advising and institutional service, including serving as Co-Director of the Association of Anthropology Graduate Students. Focused on creating an equitable, accessible environment that supports retention and skill-building for undergraduate scholars across disciplines.

2024-current Graduate Student Mentor, Stress Physiology Integrative Team (SPIT) Lab.

University of Oregon. Supervisor: Dr. Birdie Shirtcliff (SPIT Lab Director).

- Training and support of undergraduate student researchers in the development of novel methods for assessing puberty and aging based on cranial suture fusion, including lab/research protocols, conference preparation, and academic mentoring.

2023-2025 Biological Anthropology Co-Director, Association of Anthropology Graduate Students (AAGS)

2020-current Graduate Student Mentor, STress, Adaptation, and Resilience (STAR) Lab.

University of Oregon. Supervisor: Dr. L. Zachary DuBois (STAR Lab Director).

- Training and support of undergraduate student researchers in qualitative and quantitative data collection and analysis, including lab/research protocols, conference preparation, and academic mentoring.

Graduate Student Mentor, Global Health Biomarker Laboratory (GHBL).

University of Oregon. Supervisor: Dr. J. Josh Snodgrass (GHBL Co-Director).

- Training and support of undergraduate student researchers/mentees, including lab/research protocols, conference preparation, research funding, and academic mentoring.

Member of the Graduate Teaching Fellows Federation (GTFF)

2016-2017 Vice President of the UCF Undergraduate Anthropology Society "Hominids Anonymous"

2016 Co-Founder of the Anthropology Mentoring Program between UCF Undergraduate Anthropology Society ("Hominids Anonymous") members and Graduate Association of Anthropology

2015-2017 Member of the UCF Alliance Mentoring Program

2015-2016 President of the UCF Undergraduate Anthropology Society "Hominids Anonymous"

Honors and Awards

- 2026** Anthropology Graduate Committee Graduate Excellence in Teaching Award
Nominee
- 2025-2026** Mary Chambers Brockelbank Endowed Assistance Fund, UO
Everett D. Monte Memorial Scholarship Endowment Fund, UO
Sybil Brown Scholarship, UO
Graduate Studies Professional Development and Career Planning Fund,
UO Anthropology
- 2024-2025** Virginia Green & Leila Johnston Endowment Fund in the College of Arts & Sciences
Award, UO
Graduate Studies Professional Development and Career Planning Fund,
UO Anthropology
- 2023-2024** William Stout Scholarship, UO
Virginia Green & Leila Johnston Endowment Fund in the College of Arts & Sciences
Award, UO
Malcolm Mcfee Memorial Endowment Award, UO Anthropology Graduate Studies
Professional Development and Career Planning Fund, UO Anthropology
- 2022-2023** Malcolm Mcfee Memorial Endowment Award, UO Anthropology Graduate Studies
Professional Development and Career Planning Fund, UO Anthropology
- 2021-2022** Malcolm Mcfee Memorial Endowment Award, UO Anthropology Graduate Studies
Professional Development and Career Planning Fund, UO Anthropology
- 2019-2020** Thomas Varnadoe Memorial Student Award for Excellence in Forensic
Anthropology, University of South Florida
- 2018-2019** Alvin W. Wolfe Scholarship in Applied Anthropology, USF
- 2016** Lambda Alpha Anthropology Honors Society inductee, UCF Chapter
Dean's List Fall 2016 from the College of Sciences, UCF
UCF Summer Undergraduate Research Fellowship (SURF)
- 2015-2017** UCF Research & Mentoring Program (RAMP) Scholarship
- 2013-2017** UCF Pegasus Scholarship
- 2013-2017** Florida Bright Futures Academic Scholars award
- 2013** Accepted into the UCF Burnett Honors College

Professional Associations

- 2022-current** Graduate Student Member, Community Building and Networking Program, HBA
- 2020-current** Student Affiliate, Human Biology Association
- 2019-current** Student Member, Society for Applied Anthropology
Student Affiliate, American Academy of Forensic Sciences
- 2017-current** Student Member, American Anthropological Association
- 2016-current** Student Affiliate, American Association of Biological Anthropologists
- 2013-2017** Member of the UCF Undergraduate Anthropology Society "Hominids Anonymous"
Member of the UCF Forensic Science Association

Skills and Capabilities

Languages **Spanish** (Basic Proficiency)

Technical Excavation and survey experience, osteological analysis including taphonomy, trauma, and common pathologies, Trimble Geo 7X Handheld GNSS system, Garmin handheld GPS, Handheld SciAps LIBS Spectrometer, MicroScribe 3D Digitizer, computer hardware.

Technological SPSS, R, Microsoft Office Suite, Apple and Windows operating systems, MATLAB, Origin Pro.

Certifications CompTIA A+ Networking, Red Cross CPR, AED, First Aid, and Waterfront.

References

Dr. J. Josh Snodgrass Professor, Department Head, University of Oregon Anthropology; Co-Director, Global Health Biomarker Laboratory; Co-Director, University of Oregon Biomarker Cluster; Co-Director, Center for Global Health at the University of Oregon
jjosh@uoregon.edu

Dr. Birdie Shirtcliff Research Professor, University of Oregon Psychology; Director, Stress Physiology Integrative Team (SPIT) Lab, Center for Translational Neuroscience; Co-Director, University of Oregon Biomarker Cluster; Editor in Chief, *Psychoneuroendocrinology*
birdie@uoregon.edu

Dr. Kirstin Sterner Associate Professor, University of Oregon Anthropology; Director of Graduate Studies, Anthropology; Director, the Sterner Lab; Co-Director, University of Oregon Molecular Anthropology Group
ksterner@uoregon.edu

Dr. Jonathan Bethard Associate Professor, University of South Florida Anthropology
Diplomate- ABFA jbethard@usf.edu