KELSEY C. FOX

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Austin, TX

EDUCATION

- **Texas State University,** San Marcos, Texas, US
  PhD in Applied Anthropology (Forensic), December 2027 (Expected)
  Dissertation: *Enhancing Equitable Forensic Identification: An Evaluation of Pelvic Morphology for Parity Detection and Age Estimation in Unidentified Skeletal Remains*
  Louisiana State University, Baton Rouge, Louisiana, US
  M.A. in Anthropology (Biology), August 2020
  Thesis: *Reconsidering the Obstetric Dilemma: Correlations Between Head and Pelvic Size*
- **University of Louisiana,** Lafayette, Louisiana, US
  B.S. in Biology, minors in Chemistry and Anthropology, December 2017

Specialized Course Work

Environmental Toxicology	Biochemistry	Anatomy and Physiology
Comparative Physiology	Paleopathology	Population Genetics
Osteology	Human Fertility	Forensic Anthropology

RESEARCH INTERESTS

Biopolitics	Structural Violence	Evolution of Obstetrics
Epigenetics	African Diaspora	Comparative Osteology
Obstetrical Dilemma	Skeletal Embodiment	Development of Health

PROFESSIONAL EXPERIENCE

Texas State University (TXST)

Instructor of Record, January 2025 – present

Duties include teaching a section of Writing in Anthropology and Professionalization in Anthropology. The Writing course offers training in professional scholarly writing, research methods, and effective editing and proofreading strategies. The Professionalization course surveys the breadth of careers open to anthropologists while highlighting transferrable skills, professional ethics, and steps needed to pursue specific careers.

Supervisor: Mrs. Lise Byars-George

Doctoral Instructional Assistant, August 2021 – present

Duties include assisting with the instruction of undergraduate-level courses: osteology, biological anthropology, evolutionary anatomy, writing in anthropology, forensic anthropology, and professionalization; working at the Forensic Anthropology Center (FACTS); and completing forensic casework.

Supervisors: Drs. Ashley Mckeown, Jill Pruetz, Michelle Hamilton, Deborah Cunningham, and Mrs. Lise Byars-George

Grave Lead/Assistant Lead, January 2023 – present

Duties include training law enforcement to locate and identify clandestine burials; instructing students in proper excavation and screening methods; teaching map-

making and recording techniques of burials for a week-long Human Remains Recovery workshop.

Supervisors: Dr. Sophia Mavroudas and Ms. Devora Gleiber

Willed Body Donation Leader, August 2022 – May 2023

Duties include leading teams in decedent pickups; processing/macerating human remains; collaborating with donor's holding facilities (funeral homes, hospitals, etc.); organizing and scheduling team member's shifts; issuing task assignments; providing the director with regular progress reports; and placing or storing donors for either alternative research or longitudinal decomposition.

Supervisor: Dr. Timothy Gocha

Workshop Assistant/Lecturer, August 2021 – May 2023

Duties included assisting with public outreach workshops on forensic anthropology; collaborating with workshop coordinators within and outside Texas State; issuing certification paperwork to students and appropriate agencies; filing and organizing attendee's paperwork; designing flyers for upcoming workshops; instructing osteology; and keeping track of sales inventory.

Supervisor: Dr. Sophia Mavroudas

Operation Identification (OpID)

Exhumation Technician, Volunteer, October 2021 – present

Duties included coordinating with Operation Identification (a humanitarian project focused on locating, exhuming, and identifying potential migrants who have perished along the US-Mexico border); exhuming unidentified individuals from unmarked graves; mapping sites by hand; mapping sites with Total Station; identifying potential migrants from Latin countries; triaging individuals and associated materials at the site; fingerprinting decedents; cleaning/photographing evidence; and performing in-depth inventories of individuals and associated personal affects.

Supervisor: Drs. Kate Spradley, Victoria Swenson, Courtney Siegert

Forensic Anthropologist, September 2024 – present

Duties include writing forensic case reports; reviewing associated documents and photographs; developing a biological profile (age, sex, stature, population affinity, trauma); operating statistical software (FORDISC, ADBOU, Morphopasse); and performing skeletal and dental inventories.

Supervisors: Drs. Victoria Swenson, Courtney Siegert, and Kate Spradley

Trainer for Mass Fatality Preparedness Workshop, November 2024

Duties included training law professionals in mass fatality preparedness and response within the context of the massive number of migrant deaths at the US-Mexico border; meeting with community leaders; and training professionals in fingerprinting techniques, notetaking, and inter-departmental collaborative techniques. Sponsored by The Humanitarian and Human Rights Resource Center and The Border Vigils of Eagle Pass.

Coordinators: Molly Kaplan, Drs. Victoria Swenson, Courtney Siegert, and Kate Spradley

Eastern Baton Rouge Parish Coroner's Office

Pathology Intern, February 2021

Duties included coordinating with supervisors; cleaning and disinfecting the autopsy table; assisting with evisceration and autopsy; and cleaning floors post-autopsy.

Supervisor: Shane Evans, D-ABMDI

Louisiana Public Archaeology Lab at the University of Louisiana at Lafayette

Research Assistant, January 2017 – May 2018

Duties included researching commingled Native American remains; identifying pathology; determining the minimum number of individuals from a mass grave; and traveling to the Smithsonian Museum to describe associated remains from the same bioarchaeological site. Data presented at the 2017 Southeastern Archeological Conference.

Supervisor: Dr. Maranda Kles

Research Assistant, December 2016

Duties included assisting in the maceration of a partially mummified human corpse; conducting safe practices with lab materials; and possessing a practical knowledge of human anatomy and osteology.

Supervisor: Dr. Maranda Kles

Research Assistant, May 2017 – August 2017

Duties included performing shovel tests in a grid layout; sifting through soils; recognizing potential artifacts; describing soil strata; and backfilling holes. Participated in two cultural resource management contracts (Richland, La and Avoca Island, La).

Supervisor: Dr. Mark Rees

Project Coordinator: Sam Huey

RESEARCH EXPERIENCE

Texas State University (TXST)

Re-ID Collaborative Project, January 2023 – present

Duties include working with historic archaeological skeletal remains as well as open forensic cases submitted to the Forensic Anthropology Center to fulfill goals outlined in the institution's Forensic Identification and Repatriation Initiative. Acknowledging hindrances in previous attempts at identification efforts, applying updated methodologies to cold forensic cases; establishing a standard of procedure and communication with appropriate agencies; and initiating processes for repatriation of resolved cases.

Supervisor: Dr. Michelle Hamilton

Vertebral Neural Canal Collaborative Project, September 2022 – present

Duties included conducting a literature review on vertebral neural canal dimensions as an indicator of health in the bioarcheological record; refining proposed methodology for research; and data collection. Publication pending.

Supervisor: Dr. Michelle Hamilton

Stable Isotope Analysis Project, December 2022 – February 2023

Duties included utilizing birthplace hypotheses from stable isotope data from unidentified individuals to supplement bioprofile reports; entering combined information into NAMUS (National Missing and Unidentified Persons System) searches; discussing the utility of stable isotopes in identifying the birthplace of presumed migrants along the Mexico-Texas border. Data presented at the American Academy of Forensic Science in 2023.

Supervisors: Drs. Michelle Hamilton, Kate Spradley

Louisiana State University (LSU)

Researcher, July 22, 2019 – August 2, 2019

Duties included designing research parameters; extrapolating biomechanical equations to rearticulated remains; analyzing statistical outputs; technical writing;

and organizing content. Data compiled at the Applied Anatomical Research Center at Sam Houston State University.

Advisor: Dr. Robert Tague

Committee Members: Drs. Ginesse Listi and Teresa Wilson

Forensic Anthropology and Computer Enhancement Lab at Louisiana State University

Researcher, August 2018 – March 2020

Duties included studying comparative osteology; passing an osteology quiz with intact and fragmented elements; assisting staff with decomposition, maceration, and note taking; observing autopsies; and attending required volunteer hours.

Lab Director: Dr. Ginesse Listi

Assistant Director: Dr. Teresa Wilson

University of Louisiana at Lafayette (ULL)

Research Assistant, January 2017– May 2017

Duties included mixing reagents; testing the effectiveness of vegetable biocatalysts; and utilizing gas chromatography, platform shakers, and centrifuge technology.

Supervisor: Dr. August Gallo

PUBLICATIONS

- **Fox, K. C.**, Hamilton, M. D. (In Preparation). "Vertebral Neural Canal Size: A Potential Proxy to Health".
- **Fox, Kelsey Catrice**, (2020). "Reconsidering the Obstetrical Dilemma: Correlations Between Head and Pelvic Size". LSU Master's Theses.

PROFESSIONAL PRESENTATIONS

- **Fox, Kelsey C.** and Hamilton, M. D. (2025). Vertebral Canal Constriction: Exploring the Link Between Vertebral Neural Canal Size and Early Mortality. Poster presented at the *2025 Texas Academy of Science 128th Annual Meeting*, Waco, Texas. February 28-March 2.
- Swenson, V., Siegert, C., McDaneld, C., Robledo, I., Jose, A., Kaplan, M., **Fox, K**., Becker, Z., Spradley, K., Marques, C., Balderas, A., Bradley, G., Rosas, V., Zapata, I., Garcia-Grewal, A., Salinas, N., Alaniz, V., Nunez, D., Canales, E., Doretti, M., Bird,C., Wiersema, J. (2025). Humanitarian Forensic Action Using a Holistic Anthropological Approach. Conference session at 2025 *American Academy of Forensic Science,* Baltimore, Maryland. February 18.
- **Fox, Kelsey C.** and Hamilton, M. D. (2024). Embodiment in Vertebral Neural Canal Size: Examining Non-Specific Indicators of Stress. Podium presentation at the *2024 Texas Association of Biological Anthropologists,* San Marcos, Texas. November 2.
- **Fox, Kelsey C.** (2023). Reconsidering the Obstetrical Dilemma: Correlations Between Head and Pelvic Size. Poster presented at the *2023 Graduate Student Research Conference,* San Marcos, Texas. April 4.
- **Fox, Kelsey C.** (2023). The Obstetrical Dilemma: Biomechanics vs Obstetric Advantage. Podium presentation at *2023 Anthropology Research Conference,* San Marcos, Texas. April 14.
- Robledo, I., Cruz, K. A., Cuerrier-Richer, E., Dunham, C. N., **Fox, K. C.**, Hamilton, M. D., and Spradley, K. (2023). The Utility of Birthplace Prediction from Stable Isotope Analysis in Migrant Identification. Poster presented at *2023 American Academy of Forensic Science,* Orlando, Florida. February 17.

- Kles, M.A., **K. Fox**, and M. Jennings (2017). To Keep or Not to Keep and Where to Keep It: Examination of the Factors that Influence Demographic Analysis. Paper presented at *2017 Southeastern Archeological Conference*, Tulsa, Oklahoma. November 08-12.

GUEST SPEAKER

- Professionalization in Anthropology, Texas State University, October 2024. Discussed my career trajectory with undergraduate students. Highlighted the need to pivot or change course when a job is not fulfilling or meeting set goals. Discussed the values attained when trained with an anthropological mindset and how to market those skills in the job market.

SCHOLARSHIPS, FELLOWSHIPS, AND AWARDS

- Graduate Research Fellowship ($180,000), National Institute of Justice, 2024-2027. Competitive fellowship granted to ABD doctoral candidates with projects focused on improving the scientific methods for identifying skeletonized remains. Funding covers the tuition, research expenses, and salary for the final three years of candidacy.
- Dissertation Research Support Fellowship ($5,000), Graduate College at TXST, 2024-2025. Competitive fellowship awarded to ABD doctoral candidates to help with the costs of data collection.
- Love of Learning Award ($1,000), Phi Kappa Phi, 2024. Competitive award granted to active Phi Kappa Phi members to encourage continued education, career development, and travel.
- Grady Early Endowment Fellowship ($4,037), FACTS, 2023-2026. Competitive fellowship awarded to ABD doctoral candidates with projects that have the potential to advance forensic anthropological research and make a significant contribution to scientific knowledge.
- Academic Achievement Award, Coalition of Black Faculty and Staff, 2023. Ceremony honoring doctoral students who've achieved a 4.0 GPA.
- The Graduate College's Doctoral Retention Scholarship ($8,532), TXST, 2023-2025. Competitive and merit-based award designed to alleviate the cost of tuition for doctoral students experiencing financial challenges.
- The Graduate College Scholarship ($1,000), TXST, 2022. Merit-based and competitively awarded to graduate students who demonstrate significant intellectual and leadership abilities.
- West-Russel Field Research Award ($850), Louisiana State University, 2019. Awarded to graduate students who have designed thesis projects capable of advancing scientific knowledge.
- RaceTrac Scholarship ($3,000), RaceTrac Inc., 2014-2017. Merit-based and competitively awarded to RaceTrac employees with compelling motivations for pursuing continued education.
- Distinguished Freshman Scholarship ($2,672), University of Louisiana Honor's College, 2011-2012. Merit-based and competitive award for incoming freshmen students.

HONOR SOCIETIES

- *Phi Kappa Phi Honor Society, 2022-present*
- *Lambda Alpha, 2018-present*
- *UL Honor Society, 2011-2012*

PROFESSIONAL SERVICE

- *OpID Volunteer, TXST, 2022-present*
- *Outreach Lecturer and Assistant, FACTS, 2021-present*
- *Willed Body Donation Program Volunteer, FACTS, 2021-2023*
- *Vaccination Check-In Volunteer, American Association of Forensic Anthropology's Annual Conference, 2022*
- *Fire Course Workshop Volunteer, FACTS, 2022*

- *Anthropology Day Volunteer, Department of Anthropology at Louisiana State University, 2019*
- *Walk to End Alzheimer's Volunteer, Pre-Professional Society at the University of Louisiana, 2017*
- *Festival Acadiens et Creoles Recycling Clean-Up Volunteer, Biology Society at the University of Louisiana, 2017*

PROFESSIONAL ORGANIZATIONS

- *American Association of Anthropology, 2023-present*
- *American Academy of Forensic Sciences, 2022-present*
- *Texas State University Forensic Team, 2021-present*
- *Geography and Anthropology Society, 2018-2020*

CONFERENCES ATTENDED

- *Texas Academy of Sciences Annual Meeting, 2025*
- *American Academy of Forensic Sciences 77th Annual Meeting, 2025*
- *Texas Association of Biological Anthropologists, 2024*
- *Graduate Student Research Conference at Texas State, 2023*
- *Anthropology Research Conference at Texas State, 2023*
- *American Academy of Forensic Sciences 74th Annual Meeting, 2022*
- *Texas Association of Biological Anthropologists, 2022*
- *Southeastern Archaeological Conference, 2017*
- *American Academy of Forensic Sciences 69th Annual Meeting, 2016*