Keegan Buchanan Beane

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EDUCATION

Doctor of Philosophy in Applied Anthropology Anticipated Degree Date: May 2029
Texas State University, *San Marcos, TX* GPA: 3.91/4.00

Master of Arts in Anthropology, Concentration in Biological Anthropology December 2023
Texas State University, *San Marcos, TX* GPA: 4.00/4.00
Thesis Title: Assessing Cranial Trauma and Depositional Patterns in a Soviet-era Mass Grave in the Republic of Georgia: Contextualizing the Violence and Burial
Committee: Nicholas Herrmann (Chair), Meri Gonashvili, Michelle Hamilton

Bachelor of Science in Anthropology, Minor in Biological Sciences May 2021
Clemson University, *Clemson, SC* Overall GPA: 3.50/4.00, Major GPA: 3.93/4.00

RELEVANT EXPERIENCE

Bexar County Medical Examiner's Office (BCMEO) Anthropology Internship Fall 2026 – Present
San Antonio, TX
- Intern for the BCMEO Chief Forensic Anthropologist
- Develops skills for the American Board of Forensic Anthropologists core competencies to prepare for certification
- Rotates through BCMEO investigations and the morgue
- Assists with anthropological analyses, radiographs, maceration, autopsies, and identifications

Doctoral Instructional Assistant Fall 2026 – Present
Department of Anthropology, Texas State University *San Marcos, TX*
- Assists with the upper-level undergraduate Methods in Skeletal Biology

Doctoral Research Assistant Fall 2025, 2026 – Present
Forensic Anthropology Center at Texas State (FACTS) *San Marcos, TX*
- Oversees operations of the Osteology Research and Processing Laboratory
- Sets forth recommended processing steps based on the condition of donor remains
- Performs preliminary skeletal and dental inventories, including fire donor remains, prior to transfer of donor for final curation
- Tracks donor processing stages and completes and files donor processing paperwork
- Trains processing volunteers

Advanced Human Remains Recovery: Fire Death Investigation Fall 2022, 2024 – 2026
Forensic Anthropology Center at Texas State (FACTS) *San Marcos, TX*
- Assisted the course with scene examinations and remains recovery in simulated scenarios, including rooms and cars
- Oversaw forensic anthropological documentation of remains, including skeletal inventories and standardized burn scoring methods, of workshop participants

Georgian Association of Forensic Anthropology Summer 2026
Georgian Recovery, Documentation, and Identification Project, *Tbilisi, Republic of Georgia*
Tbilisi State Medical University
- Shota Rustaveli National Science Foundation of Georgia funded research project
- Worked on cataloguing and documenting commingled remains

Department of Defense POW/MIA Accounting Agency (DPAA) – Field Archaeologist Summer 2026
Partner Project 26-5FR *Rennes, France*
- Attended DPAA project planning meetings
- Assisted in recovery mission for World War II era B17 crew
- Observed and participated in excavation of 166 sq. meters over 4 weeks
- Performed magnetometry surveys

Doctoral Instructional Assistant Spring 2026
Department of Anthropology, Texas State University *San Marcos, TX*
- Assisted with the upper-level undergraduate Methods in Skeletal Biology course
- Assisted with the undergraduate Human Osteology course

Doctoral Assistant Fall 2025
Department of Anthropology, Texas State University *San Marcos, TX*
- Assisted with segmenting computed tomography (CT) scans from the New Mexico Decedent Image Database

Georgian Association of Forensic Anthropology – Fulbright Specialist Assistant Fall 2025
Georgian Recovery, Documentation, and Identification Project, *Tbilisi, Republic of Georgia*
Tbilisi State Medical University
- Assisted with Fulbright Specialist Program for forensic anthropologists
- Worked with commingled human remains and taught documentation techniques (e.g., standard photography, commingled osteology scoring, etc.)

Department of Defense POW/MIA Accounting Agency (DPAA) – Crew Chief Summer 2025
Partner Project 25-5FR-B *Rennes, France*
- Assisted in recovery mission for World War II era B17 crew
- Observed and participated in excavation of 80 sq. meters over 4 weeks

Doctoral Research Assistant Fall 2024 – Spring 2025
Forensic Anthropology Center at Texas State (FACTS) *San Marcos, TX*
- Performed skeletal inventories for curation into the Texas State Donated Skeletal Collection of the Forensic Anthropology Center at Texas State

Doctoral Instructional Assistant Fall 2024 – Spring 2025
Department of Anthropology, Texas State University *San Marcos, TX*
- Assisted with the upper-level undergraduate Methods in Skeletal Biology course

Department of Defense POW/MIA Accounting Agency (DPAA) Summer 2024
Partner Project 21-12DE *Münster, Germany*
- Assisted in recovery mission for World War II era B24 crew
- Observed and participated in excavation of 162 sq. meters over 5 weeks

Georgian Association of Forensic Anthropology – Fulbright Researcher Fall 2023 – Summer 2024
Georgian Recovery, Documentation, and Identification Project, *Tbilisi, Republic of Georgia*
Tbilisi State Medical University

- Performed forensic anthropological analyses and composed biological profiles of skeletal remains
- Assisted with authoring field and anthropological reports
- Oversaw medical students for cleaning of skeletal remains
- Documented and photographed artifacts and material evidence

Guest Lecturer for Clemson University's Professional Development Course Spring 2023
Department of Sociology, Anthropology, and Criminal Justice, Clemson University

- Lectured on gaining experience as an undergraduate, applying for graduate school, and other opportunities
- Discussed and provided resources for writing professional documents and creating online accounts for networking or research
- Answered academic and career questions

Graduate Research Assistant Spring 2023
Texas State University *San Marcos, TX*

- Performed data collection and lab processing for an archaeological project on the Der Stadt Friedhof cemetery
- Assisted with remote sensing, geophysical surveys, and data processing
- Prepared archaeological technical report

Forensic Case Analyses with the Forensic Anthropology Center Fall 2022 – Summer 2023
Forensic Anthropology Center at Texas State (FACTS) *San Marcos, TX*

- Assisted with forensic anthropological analyses
- Co-authored biological profile case sections
- Co-authored full case reports

Forensic Anthropology Research Facility (FARF) Fall 2021 – Spring 2023
Forensic Anthropology Center at Texas State (FACTS) *San Marcos, TX*

- Assisted with the Willed Body Donation Program
- Photographed donors at FARF
- Recovered donor remains from FARF
- Completed preliminary skeletal inventories during donor remains recovery

Graduate Instructional Assistantship Fall 2021 – Fall 2022
Department of Anthropology, Texas State University *San Marcos, TX*

- Taught Biological Anthropology Laboratory
- Planned lessons and graded assignments

Osteological Research and Processing Laboratory (ORPL) Fall 2022
Forensic Anthropology Center at Texas State (FACTS) *San Marcos, TX*

- Processed donor remains prior to placement in the Grady Early Forensic Anthropology Research Laboratory

Anthropological Analysis – Victims of the 1930s Soviet Occupation in Georgia Summer 2022
Georgian Recovery, Documentation, and Identification Project (GRDIP), *Tbilisi, Republic of Georgia*
Georgian Association of Forensic Anthropology (GAFA)

- Humanitarian and Human Rights Resource Center Awarded Project
- Analyzed skeletal remains of 28 individuals

- Conducted biological profiles for all individuals, including sex, age, population affinity, stature, trauma, and pathology
- Analyzed all artifacts, separately recovered hand and foot elements, and separately recovered body parts

Forensic Anthropology Lecture for High School Students Spring 2022
Forensic Anthropology Center at Texas State (FACTS) *San Marcos, TX*
- Assisted with an introduction lecture on forensic anthropology, osteology, and FACTS in the Grady Early Building Laboratory Facility
- Engaged with students in one-on-one learning and demonstrations
- Answered questions and assisted with hands-on participation

Anthropological Recovery – Victims of the 1930s Soviet Occupation in Georgia Summer 2021
Georgian Recovery, Documentation, and Identification Project (GRDIP), *Batumi, Republic of Georgia*
Georgian Association of Forensic Anthropology (GAFA)
- Humanitarian and Human Rights Resource Center Awarded Project
- Exhumed individuals from mass grave
- Utilized a total station and photogrammetry technology
- Cleaned and processed remains for analysis
- Cleaned, logged, and photographed artifacts

Ayioi Omoloyites Research Project Summer 2021
- Documented and analyzed commingled remains excavated from tombs *Nicosia, Cyprus*
- Utilized Osteoware software to perform skeletal inventories and analysis
- Identified, recorded, and photographed pathologies

Eastern Boeotia Archaeological Research Project – Ancient Eleon Summer 2021
- Member of research team from Texas State University *Harma, Greece*
- Performed geophysical surveys, including resistivity, gradiometry, and resistivity lines
- Cleaned and prepared bones for analysis

Ancient Mitrou – aDNA Temporal Testing Summer 2021
- Photographed and collected the petrous portion of the temporal bone for aDNA sampling *Tragana, Greece*

Ancient Kition Sarcophagus Excavation Summer 2021
- Excavated a sarcophagus from the site *Larnaca, Cyprus*
- Documented identifiable skeletal elements using mapping techniques
- Logged identifiable skeletal elements by element and side
- Created photogrammetry models
- Determined the minimum number of individuals (MNI)

Research Assistant Spring, Summer 2021
Department of Sociology, Anthropology, and Criminal Justice, Clemson University *Clemson, SC*
- National Institute of Health funded research project: Craniofacial Dysmorphology Associated with Phelan-McDermid Syndrome using Three-Dimensional Morphometrics
- Collected data, performed data management, and assisted in research
- Rendered and landmarked facial morphology using craniofacial scans

Creative Inquiry Research – An Examination of Death in Pickens County Fall 2019 – Spring 2021
Department of Sociology, Anthropology, and Criminal Justice, Clemson University *Clemson, SC*

- Collaborated with Pickens County Coroner's Office to input records online
- Explored patterns of death to compare to larger trends
- Managed database using ArcGIS

Forensic Anthropology Internship Summer 2020
Southeast Texas Applied Forensic Science (STAFS) Facility, Sam Houston State University *Huntsville, TX*

- Labeled and inventoried skeletal remains
- Assisted in preparing chain of custody documentation of STAFS Skeletal Collection for loan of skeletal remains
- Macerated skeletal remains
- Assisted in placement of donated bodies for decomposition research
- Estimated age, sex, stature, and ancestry of human remains
- Utilized FORDISC software

Human Remains Recovery Course Summer 2020
Forensic Anthropology Center at Texas State (FACTS) *San Marcos, TX*

- Received instruction in human osteology and estimating postmortem interval
- Identified graveside decomposition indicators
- Recovered buried and scattered human remains in the field
- Practiced correct protocol and documentation of forensic cases

Forensic Anthropology Methods Course Summer 2020
Forensic Anthropology Center at Texas State (FACTS) *San Marcos, TX*

- Received instruction in developing biological profiles, interpreting bone trauma, human versus non-human osteology identification methods, and skeletal inventorying
- Gained hands-on training by examining the Texas State Donated Skeletal Collection
- Estimated biological profile of human remains
- Utilized ADBOU, TA2, TA3, and FORDISC

Human Osteology Course Summer 2019
Forensic Anthropology Center (FAC), University of Tennessee *Knoxville, TN*

- Studied human skeletal anatomy and terminology
- Identified complete and fragmentary human skeletal remains
- Examined anatomical variations in bones

Forensic Anthropology Fieldwork Summer 2019
The Irish Archaeology Field School, Maynooth University *Wexford, Ireland*

- Mapped and excavated human skeletal remains
- Analyzed archaeological human skeletal remains
- Determined age-at-death, sex, and stature of human skeletal remains
- Differentiated between non-human and human skeletal remains

Archaeological Artifact Analysis Summer Research Summer 2019
*Fort Hill Archaeological Project***,** Clemson University *Clemson, SC*

- Cleaned artifacts for preservation
- Identified, cataloged, and bagged artifacts
- Collaborated to determine origin of artifacts
- Attended additional research site at Clemson University Restoration Institute, Warren Lasch Conservation Center in Charleston, South Carolina

Forensic Anthropology Case – Oconee County Coroner's Office Summer 2019
Clemson University *Clemson, SC*

- Assisted with cleaning and photographing skeletal remains for documentation

HONORS, AWARDS, AND FELLOWSHIPS

Grady Early Endowment Fellowship, Fall 2026
Forensic Anthropology Center at Texas State

The Graduate College Scholarship, *Texas State University* Fall 2025 – 2026

TXST Graduate Merit Fellowship, *Texas State University* Spring 2025

Love of Learning Award, *Phi Kappa Phi* Fall 2024

Gowens Doctoral Merit Fellowship, *Texas State University* Fall 2024

Fulbright U.S. Student Program 2023-2024 Finalist, *Republic of Georgia* Spring 2023

2023 Outstanding Master's Student in Anthropology, *Texas State University* Spring 2023

The Graduate College Scholarship, *Texas State University* Fall 2022, Spring 2023

Phi Kappa Phi Honor Society Fall 2022

Alpha Chi National College Honor Society, *Texas Iota Chapter* Fall 2022

The Graduate College Graduate Thesis Research Support Fellowship, Fall 2022
Texas State University

The Grady Early Research Endowment in Forensic Anthropology, Spring 2022
Forensic Anthropology Center at Texas State

Graduate Endowed Fellowship in Liberal Arts, *Texas State University* Fall 2021, Spring 2022

Grady Early Fellowship Award, *Forensic Anthropology Center at Texas State* Fall 2021

Lambda Alpha, *National Anthropology Honors Society* Spring 2020

Clemson Center for Geospatial Technology, *GIS Day 2019 Mapping Contest,* Fall 2019
Team Winner

Omicron Delta Kappa, *National Leadership Honor Society* Spring 2019

Sigma Alpha Lambda, *National Leadership and Honors Organization* Spring 2019

Clemson University Rally Cat Dance Team Scholarship Fall 2018 – Spring 2021

PRESENTATIONS & PUBLICATIONS

Gonashvili, M., Kamnikar, K. R., Beane, K., Takniashvili, T., Herrmann, N. P., Chachkiani, B., Szargut, M., & Ossowski, A. (2026, October 17). Adaptation in the Absence of Systems: Forensic Practice in Soviet-Era Mass Graves in Georgia [Conference paper]. *Panel VI Forensic Identification in Complex Humanitarian Contexts: Frameworks for Low-Resource Environments and Community-Centered Practice*. Humanitarian Forensics Conference, Phoenix, Arizona.

Beane, K., Herrmann, N. P., Kamnikar, K. R., & Gonashvili, M. (2026, August 28). Understanding Patterns of Violence through Archaeology: A comparison of two mass graves in Georgia [Paper presentation]. *Resonant Custodies: Restoring Past Identities Through Forensic and Archaeological Collaboration*. 32nd Annual Meeting of the European Association of Archaeologists 2026: Resonant Pasts.

Stowe, R., Gonashvili, M., Beane, K., & Herrmann, N. P. (2026, March 21). *Applicability of Portable X-ray Flourescence to Aid in Decommingling of Skeletal Material Recovered From Soviet-era Mass Graves* [Poster presentation]. 95th Annual Meeting of the American Association of Biological Anthropology, Denver, Colorado.

Stowe, R., Gonashvili, M., Beane, K., & Herrmann, N. P. (2025). Use of Portable X-ray Fluorescence to Assess Diagenetic Changes in Soviet-era Mass Graves in Batumi, Georgia [Published abstract]. *Program of the 19th Annual Meeting of the Texas Association of Biological Anthropologists*, 7.

Beane, K. (2024, June 29). *Tackling Challenges with the Georgian Recovery, Documentation, and Identification Project* [Conference presentation]. 8th International Scientific Practical Conference in Forensic Medicine of Georgia, Tbilisi, Republic of Georgia.

McKenna, K., & Beane, K. (2024). Effects of Socioeconomic Status on Age at Death and Cause of Death [Published abstract]. *Program of the 93rd Annual Meeting of the American Association of Biological Anthropology*, *183*(S77), 117.

Beane, K. (2023). Sex Estimation Using Interlandmark Distances of the Zygomatics [Published abstract]. *Proceedings of the American Academy of Forensic Sciences 75th Anniversary Scientific Conference*, *29*, 99.

Gonashvili, M., Kamnikar, K. R., Herrmann, N. P., Tavartkiladze, N., Takniashvili, T., Chachkhiani, B., & Beane, K. (2023). The Georgian Recovery, Documentation, and Identification Project: Preliminary Results from a Mass Grave Excavation [Published abstract]. *Proceedings of the American Academy of Forensic Sciences 75th Anniversary Scientific Conference*, *29*, 117.

Gonashvili, M., Kamnikar, K. R., Spiros, M., Herrmann, N. P., Takniashvili, T., Tavartkiladze, N., Banks, P., Beane, K., Cruz, K., Dunn, R., Plemons, A., Robledo, I., & Chachkiani, B. (2023, February 13). *Navigating stakeholder relationships in humanitarian forensic work: Lessons learned from Georgia* [HHRRC Poster session]. American Academy of Forensic Sciences 75th Anniversary Scientific Conference, Orlando, Florida.

Geist, A., Houk, E., Honaker, K., Spence, K., Beane, K., Moran, K., Lindsey, K., Haeberle, L., Haliq, Z., White, Z., & Weisensee, K. (2021, April 1). *Patterns of Suicide Methods in Pickens County (1971-2009)* [Poster presentation]. 16th Annual Focus on Creative Inquiry Poster Forum, Clemson, South Carolina.

Beane, K. (2021, February 1). *Forensic Anthropology Summer Internship Opportunity* [Presentation]. Clemson University Anthropology Club Meeting, Clemson, South Carolina.

Henry, C., Richardson, S., Beane, K., Haeberle, L., Tetrault, K., Rusthoven, L., & Weisensee, K. (2019, November 13). *Mapping Death: Correlating Social Vulnerabilities with Manners of Death* [Poster presentation]. Clemson Center for Geospatial Technologies Geographic Information System (GIS) Day, Clemson, South Carolina.

TECHNICAL REPORTS

Beane, K., & Herrmann, N.P. (2023). *Geophysical Survey of Section C of the Der Stadt Friedhof Cemetery, Fredericksburg, Texas.* Report prepared for Dr. Paul Phillips, III and Der Stadt Friedhof Cemetery Board, Fredericksburg, Texas, by Texas State University Department of Anthropology.

ACTIVITIES AND LEADERSHIP

Panelist for International Education Week: Graduate Student External Funding Fall 2025, 2026
The Graduate College, Texas State University

Forensic Anthropology Workshop for the Girl Scouts of Central Texas Fall 2026
Graduate Student Assistant, Forensic Anthropology Center at Texas State

Guest Speaker for Dollars & Sense: Fulbright U.S. Student Researcher Spring 2025
The Graduate College External Funding, Texas State University

Portable X-ray Trained Fall 2024
- Completed online X-ray Operator Safety training
- Completed in-person machine training with a MinXray TR90B

2023 American Academy of Forensic Sciences Annual Scientific Meeting Spring 2023
- Attended scientific session presentations in Orlando, Florida
- Presented poster as primary author and co-authored a presentation and HHRRC poster

FACTS Field and Forensic Casework Team Fall 2022
Search and Recovery (SRT) and Case Analysis Team (CAT) Assistant Member

Forensic Anthropology Presentation at Rainbow Lake Middle School Fall 2021, Fall 2022
Presenter
- Presented to multiple 7th-grade classes
- Educated students on the topic of forensic anthropology
- Led case study activity
- Informed students of future STEM career choices
- Answered questions and engaged students in discussion

2022 American Academy of Forensic Sciences Annual Scientific Meeting Spring 2022
- Attended scientific session presentations in Seattle, Washington

2021 – 2022 Graduate College Shop Talks Certificate of Completion Fall 2021
Graduate and Career Professional Development
- Participated in eight Graduate College Shop Talks
- Developed research strategies, networking tools, and career planning

2020 American Academy of Forensic Sciences Annual Scientific Meeting Spring 2020
- Attended scientific session presentations in Anaheim, California

Clemson University Anthropology Club Fall 2018 – Spring 2021
Secretary, 2020
- Engaged and coordinated meetings with fellow anthropology students
- Took minutes, corresponded with email interests, and updated members

Clemson University Rally Cat Dance Team Fall 2018 – Spring 2021
Collegiate Athletic Team

- Represented Clemson University
- Performed at Clemson athletic events and in the community
- Competed at the Collegiate National Dance Association Championship
- Coordinated the team's workweek practice schedules, locations, and instructors
- Taught dance clinics across South Carolina

RESEARCH INTERESTS

Forensic Anthropology • Human Osteology • Trauma Analysis • Identification • Mass Fatality
Commingled Remains

SKILLS

FORDISC • ADBOU • TA2 • TA3 • ArcGIS Pro • FileMaker Pro • 3Skull • RStudio
Microsoft PowerPoint • Microsoft Word • Microsoft Excel • Microsoft Access
Adobe Photoshop • Osteoware • ViewBox • MeshLab • rASUDAS • SPSS
MaMD Analytical • 3D ILD Software • 3D Slicer • GPS RTK (Trimble) • GPR-SCLICE
Hirox 3D Digital Microscope • GPR – GSSI SIR 4000 (200 HS & 350 HS antenna) • OsteoSort
Resistivity Surveying (TAR-3 Resistance Meter) • TerraSurveyor Lite • MiniXray TR90B
Magnetometry (SENSYS MXPDA system)

PROFESSIONAL AFFILIATIONS

European Association of Archaeologists	Spring 2026 – Present
American Association of Biological Anthropologists	Summer 2023 – Present
American Academy of Forensic Sciences	Fall 2021 – Present
Texas Academy of Science	Fall 2021 – Present
American Anthropological Association	Fall 2019 – Present
Society for Applied Anthropology	Fall 2019 – Present
Archaeological Institute of America	Spring 2019 – Present