TEXAS STATE VITA

I. Academic/Professional Background

A. Name and Title

Name: Dr. Michelle Hamilton Title: Professor

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
PHD	2004	University of Tennessee Knoxville	Anthropology	
MA	1999	University of Tennessee Knoxville	Anthropology	
BA	1992	California State Univ-Northridge	Anthropology	

C. University Experience

Position	*University*	*Comments*	*Dates*
Professor, Anthropology	Texas State University		2024 - Present
Associate Professor	Texas State University		2013 - 2024
PhD Program Coordinator, Department of Anthropology	Texas State University		2021 - 2022
MA Graduate Advisor, Dept. of Anthropology	Texas State University		2013 - 2016
Assistant Professor	Texas State University		2008 - 2013
Director, Forensic Anthropology Center at Texas State	Texas State University		2008 - 2010
Director, Forensic Anthropology Research Facility	Texas State University		2008
Adjunct Faculty, Dept. of Sociology	San Antonio College		2006 - 2007

Adjunct Faculty, Dept. Sociology and Anthropology	Trinity University	2006 - 2007
Lecturer, Dept. of Anthropology	Texas State University	2006 - 2007
Graduate Instructor, Dept. of Anthropology	University of Tennessee	2002 - 2003
Graduate Research Assistant, Forensic Anthropology Center	University of Tennessee	1997 - 2001

D. Relevant Professional Experience

Position	*Entity*	*Comments*	*Dates*
Faculty	Human Remains Recovery School, Federal Bureau of Investigation		2014 - 2018
Faculty	Human Remains Recovery School, Federal Bureau of Investigation		1999 - 2009
Section 106 Officer	Eastern Band of Cherokee Indians, Tribal Historic Preservation Office		2003 - 2005
Autopsy Technician	Regional Forensic Center, University of Tennessee Medical Center		2000 - 2002

E. Other Professional Credentials (licensure, certification, etc.)

Diplomate #87, American Board of Forensic Anthropology. (2011 - Present).

II. TEACHING

A. Teaching Honors and Awards:

Award / Honor Recipient: Presidential Distinction Award for Excellence in Teaching, Texas State University.
2024

Award / Honor Recipient: Alpha Chi Favorite Professor Award.
2021

2016
2014
2013

Award / Honor Recipient: Dean’s Excellence Award in Teaching, (College of Liberal Arts, $1000.00).
2014
2009

B. Courses Taught:

Texas State University:

ANTH 1312 - CULTURAL ANTHROPOLOGY

ANTH 3344 - FORENSIC OSTEOLOGY

ANTH 3376Q - FORENSIC FIELD MET

ANTH 3380 - FORENSIC ANTH

ANTH 3380 - INTRO TO FORENSIC ANTHROPOLOGY

ANTH 3381 - FORENSIC OSTEOLOGY

ANTH 4360 - DIRECTED STUDY

ANTH 4381 - PALEOPATHOLOGY

ANTH 4382 - FORENSIC TECHNIQUE

ANTH 4383 - FORENSIC ID

ANTH 5199B - THESIS

ANTH 5312 - SEM BIOLOGICL ANTH

ANTH 5312 - SEM PHYSICAL ANTH

ANTH 5321 - SEM FORENSIC ANTH

ANTH 5326 - FORENSIC FIELD MET

ANTH 5374O - PALEOPATHOLOGY

ANTH 5374U - SEM FORENSIC ANTH

ANTH 5374W - FORENSIC METHODS

ANTH 5375 - LAB METH FOR ANTH

ANTH 5375 - TECH FORENSIC ANTH

ANTH 5376 - SKELETAL BIO PART II

ANTH 5378 - SKEL FORENSIC MED

ANTH 5381 - PALEOPATHOLOGY

ANTH 5390 - DIRECTED STUDY

ANTH 5399A - THESIS

ANTH 5399B - THESIS

ANTH 7199 - DISSERTATION

ANTH 7301G - MORTUARY ANALYSIS

ANTH 7374 - ADVANCED OSTEOLOGY

ANTH 7376 - FORENSIC ANALYSIS

ANTH 7395 - PROFESSION EXTERN

ANTH 7397 - DIRECTED RESEARCH

ANTH 7398 - COLLABORATIVE RES

ANTH 7999 - DISSERTATION

San Antonio College:

ANTH 2301Physical Anthropology

Trinity University, San Antonio:

ANTH 2310 Human Evolution

ANTH 3394 Forensic Anthropology

University of Tennessee:

ANTH 110 Human Origins

ANTH 210 Principles of Biological Anthropology

C. Directed Student Learning (i.e. theses, dissertations, exit committees, etc.):

Member, Dissertation, Status: In Progress. (2025 - Present).
Student(s): Keegan Beane.

Supervisor / Chair, Master's Thesis, Status: In Progress. (2025 - Present).
Student(s): Christopher McMillan.

Member, Master's Thesis, Status: In Progress. (2025 - Present).
Student(s): Makenzie Uwe.

Member, Master's Thesis, Status: In Progress. (2025 - Present).
Student(s): Morgan McGuire, Graduate, MA.

Member, Master's Thesis, "TBD", Status: In Progress. (2025 - Present). Anthropology, Texas State University.
Student(s): Navit Nachmias, Graduate, MA.

Supervisor / Chair, Dissertation, Status: In Progress. (2024 - Present).
Student(s): Nathan Nguyen.

Supervisor / Chair, Dissertation, Status: In Progress. (2024 - Present).
Student(s): Shelly White.

Supervisor / Chair, Master's Thesis, Status: In Progress. (2024 - Present).
Student(s): Noelia Acosta Silva.

Member, Dissertation, "TBD", Status: In Progress. (December 2023 - Present). Anthropology, Texas State.
Student(s): Anna Maier, Doctoral, PhD.

Member, Dissertation, "TBD", Status: In Progress. (December 2023 - Present). Anthropology, Texas State.
Student(s): Hailey Collord-Stalder, Doctoral, PhD.

Member, Dissertation, "TBD", Status: In Progress. (December 2023 - Present). Anthropology, Texas State.
Student(s): Mara Stumpf, Doctoral, PhD.

Member, Dissertation, "Health in Peruvian prehistory (TBD)", Status: In Progress. (2022 - Present). Anthropology, Texas State.
Student(s): Elizabeth Moore, Doctoral, PhD.

Supervisor / Chair, Dissertation, "Forensic humanitarian work (TBD)", Status: In Progress. (2022 - Present). Anthropology, Texas State.
Student(s): Emma Giacomello, Doctoral, PhD.

Supervisor / Chair, Dissertation, "Maternal and infant health disparities (TBD)", Status: In Progress. (2022 - Present). Anthropology, Texas State.
Student(s): Kelsey Fox, Doctoral, PhD.

Member, Dissertation, "Decomposition, PMI, and AI", Status: In Progress. (2022 - Present).
Student(s): Stephanie Baker, Doctoral.

Member, Dissertation, "Bone biomechanics and orthopedics (TBD)", Status: In Progress. (2022 - Present).
Student(s): Theresa DeCree, Doctoral.

Member, Dissertation, "Bone, activity, and biomechanics (TBD)", Status: In Progress. (2021 - Present). Anthropology, Texas State.
Student(s): ChristiAna Dunham, Doctoral, PhD.

Member, Dissertation, "Stable isotopes, DNA, and craniometrics in Hispanic remains (TBD)", Status: In Progress. (2021 - Present). Anthropology, Texas State.
Student(s): Ivanna Robledo, Doctoral, PhD.

Member, Dissertation, "Unidentified human remains and missing persons", Status: Completed. (2020 - Present).
Student(s): Molly Kaplan, Doctoral.

Supervisor / Chair, Master's Thesis, "Microplastics in human remains (TBD)", Status: Proposal. (2020 - Present). Anthropology, Texas State.

Student(s): Parker Berger, Graduate, MA.

Supervisor / Chair, Honor's Thesis, "From Nourishment to Deficiency: How Colonization Reshaped Native American Women’s Dietary Health", Status: Completed. (2025).
Student(s): Isabella Bermudez.

Member, Master's Thesis, Status: Completed. (February 2024 - 2025). Anthropology, Texas State University.
Student(s): Lindsay Carnahan, Graduate, MA.

Member, Master's Thesis, Status: Completed. (February 2023 - 2025). Anthropology, Texas State.
Student(s): Veronica Flores-Guillen, Graduate, MA.

Member, Master's Thesis, Status: Completed. (2023 - 2025).
Student(s): Amariah Trevino.

Member, Master's Thesis, Status: Completed. (2023 - 2025).
Student(s): Emily Erwin.

Supervisor / Chair, Master's Thesis, "Age estimation using the spine", Status: Completed. (2023 - 2025).
Student(s): Hannah Stottlemyre, Graduate.

Member, Master's Thesis, Status: Completed. (2023 - 2025).
Student(s): Marissa Vasquez.

Supervisor / Chair, Master's Thesis, "Fracture healing rates", Status: Completed. (2023 - 2024).
Student(s): Nathan Nguyen, Graduate.

Member, Master's Thesis, "Seasonal decomposition", Status: Completed. (2022 - 2024).
Student(s): Blake Frow, Graduate.

Member, Master's Thesis, "Decomposition and mass loss", Status: Completed. (2022 - 2024).
Student(s): Eliana Gutierrez, Graduate.

Member, Master's Thesis, Status: Completed. (2022 - 2024). Anthropology, Texas State.
Student(s): Haidee Hernandez, Graduate, MA.

Member, Master's Thesis, "Decomposition and Total Body Score", Status: Completed. (2022 - 2024). Anthropology, Texas State.
Student(s): Paige Jackson, Graduate, MA.

Member, Master's Thesis, "Covid and social networks", Status: Completed. (2022 - 2024).
Student(s): Shelly White, Graduate.

Supervisor / Chair, Dissertation, "Musculoskeletal markers in historic and modern populations: Investigating relationships of human activity levels and osseous change at entheseal sites", Status: Completed. (2019 - 2024). Anthropology, Texas State.
Student(s): Emilie Wiedenmeyer, PhD.

Supervisor / Chair, Dissertation, "Difficult heritage, structural violence, and ethics in historic skeletal collections: A path forward", Status: Completed. (2023). Anthropology, Texas State.
Student(s): Jennifer Barron, PhD.

Supervisor / Chair, Master's Thesis, "Exploring population affinity in U.S. Asian populations", Status: Completed. (2023).
Student(s): Amelia Konda, Graduate, MA.

Member, Master's Thesis, "Childhood Health in Ancient Greece", Status: Completed. (2023). Anthropology, Texas State.
Student(s): Kaitlyn McKenna, Graduate, MA.

Member, Master's Thesis, "Human rights in Cyprus (TBD)", Status: Completed. (2023).
Student(s): Keegan Beane, Graduate.

Member, Master's Thesis, "Insect succession on decomposing remains", Status: Completed. (2023). Anthropology, Texas State.
Student(s): Lauren Young, Graduate, MA.

Supervisor / Chair, Master's Thesis, "Fluctuating facial asymmetry as a stress marker in historic and contemporary African American populations", Status: Completed. (2020 - 2022). Anthropology, Texas State.
Student(s): Druonna Collier, Graduate, MA.

Supervisor / Chair, Master's Thesis, "The impact of fat mass on decomposition rate and postmortem interval estimation", Status: Completed. (2020 - 2022). Anthropology, Texas State.
Student(s): Emma Giacomello, Graduate, MA.

Supervisor / Chair, Master's Thesis, "Signatures of vulture scavenging on human remains in the forensic anthropological context", Status: Completed. (2020 - 2022). Anthropology, Texas State.
Student(s): Tatiana Hargrove, Graduate, MA.

Member, Master's Thesis, "Effects of chemotherapy on bone mineral density in a post-mortem context", Status: Completed. (2019 - 2021). Anthropology, Texas State.
Student(s): Sean Haynes, Graduate, MA.

Supervisor / Chair, Master's Thesis, "Assessing frailty and chronic disease in contemporary human skeletal remains", Status: Completed. (2019 - 2021). Anthropology, Texas State.
Student(s): Stephanie Mundine, MA.

Supervisor / Chair, Master's Thesis, "Non-traditional interlandmark distances as a modern ancestry estimation method", Status: Completed. (2018 - 2021).
Student(s): Nathan Blair, Graduate.

Supervisor / Chair, Honor's Thesis, "The bone chilling truth: Buying and selling human skeletal remains on the internet", Status: Completed. (2020).
Student(s): Jaelyn Brown, Undergraduate.

Member, Master's Thesis, "Differential Decomposition of Remains in Shallow Burials in a Humid Subtropical Environment: A Validation of the Megyesi PMI Method", Status: Completed. (2018 - 2020).
Student(s): Ariel Spaulding, Graduate.

Supervisor / Chair, Master's Thesis, "The correlation of periodontal disease and chronic illness within modern skeletal populations", Status: Completed. (2018 - 2020). Anthropology, Texas State University.
Student(s): Crystal Crabb, Graduate, MA.

Member, Master's Thesis, "Digital microscopic methods for sharp force trauma in burned human and nonhuman remains", Status: Completed. (2018 - 2020). Anthropology, Texas State University.
Student(s): Hailey Collord-Stalder, Graduate.

Supervisor / Chair, Honor's Thesis, "Exploring proportionate trends in Hispanic dental metrics", Status: Completed. (2019).
Student(s): Christina Tinsley, Undergraduate.

Supervisor / Chair, Master's Thesis, "The embodiment of vertebral stress among documented Americans and unidentified migrants found along the United States-Mexico border: a biocultural approach", Status: Completed. (2017 - 2019). Anthropology, Texas State.
Student(s): Caroline Znachko, Graduate.

Member, Master's Thesis, "An examination of musculoskeletal markers to analyze occupational type of a modern documented population using the Coimbra Method", Status: Completed. (2017 - 2019). Anthropology, Texas State.
Student(s): Emilie Wiedenmeyer, Graduate.

Supervisor / Chair, Master's Thesis, "Genotypic expression of traits on craniofacial hard tissue for positive identification purposes", Status: Completed. (2017 - 2019).
Student(s): Kamar Afra, Graduate.

Member, Master's Thesis, "Rib fracture analysis of infant cardiopulmonary resuscitation methods using porcine surrogates", Status: Completed. (2017 - 2019). Anthropology, Texas State University.
Student(s): Laney Feeser, Graduate.

Supervisor / Chair, Master's Thesis, "Health and disease differences between commoners and elites among prehistoric Maya from Belize", Status: Completed. (2017 - 2019).
Student(s): Lauren Koutlias, Graduate.

Supervisor / Chair, Master's Thesis, "Diffuse idiopathic skeletal hyperostosis in modern populations", Status: Completed. (2017 - 2019).
Student(s): Lauren Ratliff, Graduate.

Member, Master's Thesis, "Exploring a biocultural model of resiliency in the lower Illinois River Valley from Middle to Late Woodland periods", Status: Completed. (2017 - 2019). Anthropology, Texas State.
Student(s): Mark Simon, Graduate.

Member, Master's Thesis, "The relationship of pelvic scars and pelvic instability through an analysis of the gross morphology and microarchitecture of the pubic symphysis", Status: Completed. (2018). Department of Anthropology, Texas State University.
Student(s): Jessica Galea, Graduate.

Member, Master's Thesis, "The effects of clothing on vulture scavenging and spatial distribution of human remains in Central Texas", Status: Completed. (2018). Department of Anthropology, Texas State University.
Student(s): Krystle Lewis, Graduate.

Supervisor / Chair, Master's Thesis, "Desiccation and mummification of surface deposited human remains", Status: Completed. (2016 - 2018).
Student(s): Autumn Lennartz, Graduate.

Member, Master's Thesis, "Environmental Effect on Pattern and Rate of Mummification in Different Climatic Zones", Status: Completed. (2016 - 2018). Anthropology, Texas State.
Student(s): Hanna Holley, Graduate.

Supervisor / Chair, Master's Thesis, "Differential decomposition rates of refuse covered human remains", Status: Completed. (2016 - 2018). Department of Anthropology, Texas State University.
Student(s): Justin Demere, Graduate.

Supervisor / Chair, Master's Thesis, "3D modeling of clandestine grave excavations", Status: Completed. (2016 - 2018).
Student(s): Kathleen Flor-Stagnato, Graduate, MA.

Supervisor / Chair, Master's Thesis, "Decomposition timing factors related to postmortem interval estimations", Status: Completed. (2016 - 2018).
Student(s): Susan Sincerbox, Graduate, MA.

Member, Master's Thesis, "A study of growth and resilience among historic African American populations at the turn of the twentieth century", Status: Completed. (2017). Department of Anthropology, Texas State University.
Student(s): Christopher Wolfe, Graduate.

Member, Dissertation, "Bioarchaeological Study of the Ancient Maya from Northwestern Belize", Status: Completed. (2016). Anthropology, The University of Texas at Austin.
Student(s): Stacy Drake, Doctoral.

Supervisor / Chair, Honor's Thesis, "A test of the Lukacs caries correction factor", Status: Completed. (2016). Department of Anthropology, Texas State University.
Student(s): Shelly White.

Member, Master's Thesis, "Health and proportionality : a study of undocumented migrants from the Texas-Mexico border", Status: Completed. (2016). Department of Anthropology, Texas State University.
Student(s): Alejandra Ayala Bas, Graduate.

Member, Master's Thesis, "The effect of plastic tarps on the rate of human decomposition during the spring/summer in Central Texas", Status: Completed. (2016). Department of Anthropology, Texas State University.

Student(s): Chloe McDaneld, Graduate.

Member, Master's Thesis, "Using solar radiation as a means for understanding skeletal decomposition through physical changes caused by bone weathering", Status: Completed. (2016). Department of Anthropology, Texas State University.
Student(s): Justin Pyle, Graduate.

Supervisor / Chair, Master's Thesis, "Methodological Comparison of the Macroscopic Versus Radiographic Assessment of Cranial Porosities within the Texas State Donated Skeletal Collection", Status: Completed. (2014 - 2016). Department of Anthropology, Texas State University.
Student(s): Brittany McClain, Graduate.

Supervisor / Chair, Master's Thesis, "The Application of Consolidation Materials to Burned Bone: A Comparative Approach", Status: Completed. (2014 - 2016). Department of Anthropology, Texas State University.
Student(s): Courtney Siegert, Graduate.

Member, Master's Thesis, "Analyzing the biological relatedness of individuals from a mid- to late-1800s Missouri cemetery", Status: Completed. (2015). Department of Anthropology, Texas State University.
Student(s): Cassie Skipper, Graduate.

Member, Master's Thesis, "The use of near-infrared remote sensing in the detection of clandestine human remains", Status: Completed. (2015). Department of Anthropology, Texas State University.
Student(s): Marilyn Isaacks, Graduate.

Supervisor / Chair, Master's Thesis, "Evaluation of Soil Chemistry in Human Decomposition Sites", Status: Completed. (2013 - 2015). Department of Anthropology, Texas State University.
Student(s): James Fancher, Graduate.

Supervisor / Chair, External Research Supervisor for High School Student from College Preparatory School of Science and Technology-Alamo, "Rate of Decompositional Soft Tissue Loss in Buried and Surface Environments", Status: Completed. (2014).
Student(s): Joshua Roper, High School Diploma.

Member, Master's Thesis, Status: Proposal. (2014). Department of Anthropology, Texas State University.
Student(s): Erin King, Graduate.

Member, Master's Thesis, "Reduction of fleshed Sus scrofa domesticus remains using a wood chipper : skeletal trauma and distribution patterns", Status: Completed. (2013). Department of Anthropology, Texas State University.
Student(s): Alexandria Frye, Graduate.

Member, Master's Thesis, "Genetic and craniometric comparative analysis of three Mexican populations", Status: Completed. (2013). Department of Anthropology, Texas State University.
Student(s): Brianne Herrera, Graduate.

Member, Master's Thesis, "Secular change in the knee joint and the effects of obesity", Status: Completed. (2013). Department of Anthropology, Texas State University.
Student(s): Katherine Harrington, Graduate.

Member, Master's Thesis, "Postmortem fracture surface topography : an investigation into differentiating perimortem and postmortem long bone blunt force trauma fractures", Status: Completed. (2013). Department of Anthropology, Texas State University.
Student(s): Kelsee Hentschel, Graduate.

Member, Master's Thesis, "A study of the predictability of rib fracture patterns based on three different modes of trauma", Status: Completed. (2013). Department of Anthropology, Texas State University.
Student(s): Margaret Zywicki, Graduate.

Member, Master's Thesis, "The influences of parent cultures on their colonies in the archaeological record : an archaeological investigation of interment styles and mortuary materials in the St. George's Caye cemetery, Belize", Status: Completed. (2013). Department of Anthropology, Texas State University.
Student(s): Matthew Elverson, Graduate.

Member, Master's Thesis, "Sex differences in the femur and acetabulum : biomechanical analysis with forensic significance", Status: Completed. (2013). Department of Anthropology, Texas State University.
Student(s): Maureen Purcell, Graduate.

Supervisor / Chair, Master's Thesis, "Assessing the effects of clothing on human Decomposition Rates in Central Texas", Status: Completed. (2011 - 2013). Department of Anthropology, Texas State University.
Student(s): Kathryn Phalen, Graduate.

Supervisor / Chair, Master's Thesis, "Masculinization of Female Crania: The Effects of Age on Non-Metric Sex Estimation Accuracy of the Skull", Status: Completed. (2011 - 2013). Department of Anthropology, Texas State University.

Student(s): Matthew Naparstek, Graduate.

Member, Master's Thesis, "Sexual dimorphism and socioeconomic status : comparison between migrant and non-migrant populations", Status: Completed. (2012). Department of Anthropology, Texas State University.
Student(s): Cristina Figueroa-Soto, Graduate.

Supervisor / Chair, Master's Thesis, "Sharp Force Trauma and Morphology of Kerf Marks on Submerged Skeletal Material", Status: Proposal. (2012). Department of Anthropology, Texas State University.
Student(s): Geoffrey Neylon, Graduate.

Member, Master's Thesis, "St. George's Caye : a bioarchaeological study of eighteenth century Belize", Status: Completed. (2012). Department of Anthropology, Texas State University.
Student(s): Lauren Springs, Graduate.

Supervisor / Chair, Master's Thesis, "A Comparative Analysis of Serrated and Non-Serrated Sharp Force Trauma to Bone", Status: Completed. (2010 - 2012). Department of Anthropology, Texas State University.
Student(s): Caryn Tegtmeyer, Graduate.

Supervisor / Chair, Master's Thesis, "Examining Patellar Morphology and Musculoskeletal Stress in Prehistoric Populations from Texas", Status: Completed. (2010 - 2012). Department of Anthropology, Texas State University.
Student(s): Maggie McClain, Graduate.

Member, Master's Thesis, "Age assessment from cranial suture closure", Status: Completed. (2011). Department of Anthropology, Texas State University.
Student(s): Alexandra Millard, Graduate.

Member, Master's Thesis, "A longitudinal study on the outdoor human decompostion sequence in Central Texas", Status: Completed. (2011). Department of Anthropology, Texas State University.
Student(s): Joanna Suckling, Graduate.

Member, Master's Thesis, "Testing the utility of cranial vault morphology as an indicator of health : a Civil War sample", Status: Completed. (2011). Department of Anthropology, Texas State University.
Student(s): Thomas Stott, Graduate.

Supervisor / Chair, Master's Thesis, "Vulture Scavenging of Pig Remains at Varying Grave Depths", Status: Completed. (2009 - 2011). Department of Anthropology, Texas State University.
Student(s): Aryn Klein, Graduate.

Supervisor / Chair, Master's Thesis, "The Effects of Fire Suppression Techniques on Burned Bone", Status: Completed. (2009 - 2011). Department of Anthropology, Texas State University.
Student(s): Briana Curtin, Graduate.

Supervisor / Chair, Master's Thesis, "Estimation of Sex Through Metric Measurements of the Petrous Bone in Contemporary American Populations", Status: Completed. (2009 - 2011). Department of Anthropology, Texas State University.
Student(s): Cristina Watson, Graduate.

Supervisor / Chair, Master's Thesis, "Estimation of Stature from Measurements of the Isolated Cranium", Status: Completed. (2009 - 2011). Department of Anthropology, Texas State University.
Student(s): Elizabeth Richards, Graduate.

Supervisor / Chair, Master's Thesis, "Sex Discrimination from Carpal Measurements in a Contemporary American Sample", Status: Completed. (2009 - 2011). Department of Anthropology, Texas State University.
Student(s): Kathryn Taylor, Graduate.

Supervisor / Chair, Master's Thesis, "The Sequence of Bone Staining and its Application to the Postmortem Interval", Status: Completed. (2009 - 2011). Department of Anthropology, Texas State University.
Student(s): Kelly Sauerwein, Graduate.

Member, Master's Thesis, "Differential decomposition in terrestrial, freshwater, and saltwater environments : a pilot study", Status: Completed. (2010). Department of Anthropology, Texas State University.
Student(s): Laura Ayers, Graduate.

Supervisor / Chair, Master's Thesis, "Perimortem Fracture Patterns in South-Central Texas: A Preliminary Investigation into the Perimortem Interval", Status: Completed. (2008 - 2010). Department of Anthropology, Texas State University.
Student(s): Rebecca Shattuck, Graduate.

Supervisor / Chair, Master's Thesis, "Vegetation Colonization of Experimental Grave Sites in Central Texas", Status: Completed. (2009). Department of Anthropology, Texas State University.
Student(s): Casey Callahan, Graduate.

Supervisor / Chair, Master's Thesis, Status: Proposal. (2009). Department of Anthropology, Texas State University.
Student(s): Christopher Hodges, Graduate.

Supervisor / Chair, Master's Thesis, "An Analysis of Decomposition Rates on Outdoor Surface Variations in Central Texas", Status: Completed. (2007 - 2009). Department of Anthropology, Texas State University.
Student(s): Carly Shattuck, Graduate.

Supervisor / Chair, Master's Thesis, "Oxygen Isotope Analysis of Human Bone and Tooth Enamel: Implications for Forensic Investigations", Status: Completed. (2007 - 2009). Department of Anthropology, Texas State University.
Student(s): Connie Parks, Graduate.

Supervisor / Chair, Master's Thesis, "Color of Dentine as an Age Estimation Method for Hispanic Populations in Southwest Texas", Status: Completed. (2007 - 2009). Department of Anthropology, Texas State University.
Student(s): Ingrid Marrero, Graduate.

Supervisor / Chair, Master's Thesis, "Age Estimation of Subadults from Forensic Contexts using the Denver Longitudinal Study Diaphyseal Long Bone Length Standards", Status: Completed. (2007 - 2009). Department of Anthropology, Texas State University.
Student(s): Katherine Kitowski, Graduate.

Supervisor / Chair, Master's Thesis, "Taphonomic Effects of Vulture Scavenging", Status: Completed. (2008). Department of Anthropology, Texas State University.
Student(s): Nicole Reeves, Graduate.

Member, Master's Thesis, "Taphonomy of child-sized remains in shallow grave and surface deposit scenarios", Status: Completed. (2008). Department of Anthropology, Texas State University.
Student(s): Paulyann Enwere, Graduate.

Supervisor / Chair, Master's Thesis, Status: Proposal. (2007 - 2008). Department of Anthropology, Texas State University.
Student(s): Cory Rebmann, Graduate.

Supervisor / Chair, Master's Thesis, Status: Proposal. (2007 - 2008). Department of Anthropology, Texas State University.
Student(s): Keri Brotherton, Graduate.

Member, Master's Thesis, "When the bullet hits the bone : patterns in gunshot trauma to the infracranial skeleton", Status: Completed. (2007). Department of Anthropology, Texas State University.
Student(s): Katherine Chapman, Graduate.

Member, Master's Thesis, "A study on the rate of decomposition of carrion in closed containers placed in a shaded area outdoors in Central Texas", Status: Completed. (2007). Department of Anthropology, Texas State University.
Student(s): Margaret Hyder, Graduate.

D. Courses Prepared and Curriculum Development:

ANTH 7301G, Curriculum Development, Texas State University. Taught: 2024 - Present.

ANTH 7374, Curriculum Development, Texas State University. Taught: 2018 - Present.

ANTH 7376, Curriculum Development, Texas State University. Taught: 2018 - Present.

ANTH 7395, Curriculum Development, Texas State University. Taught: 2018 - Present.

ANTH 7397, Curriculum Development, Texas State University. Taught: 2018 - Present.

ANTH 7398, Curriculum Development, Texas State University. Taught: 2018 - Present.

ANTH 7999, Curriculum Development, Texas State University. Taught: 2018 - Present.

ANTH 3380, Curriculum Development, Texas State University. Taught: 2013 - Present.

ANTH 5381, Curriculum Development, Texas State University. Taught: 2012 - Present.

ANTH 5390, Curriculum Development, Texas State University. Taught: 2008 - Present.

ANTH 5399A, Curriculum Development, Texas State University. Taught: 2008 - Present.

ANTH 5399B, Curriculum Development, Texas State University. Taught: 2008 - Present.

ANTH 7301G (Osteology of Violence and Trauma), Curriculum Development, Texas State University. Taught: 2022.

ANTH 5376, Curriculum Development, Texas State University. Taught: 2020.
ANTH_5376_F20-1.pdf

ANTH 3376Q, Curriculum Development, Texas State University. Taught: 2017.
FAFM FLYER 2017-1.pdf

ANTH 4381, Curriculum Development, Texas State University. Taught: 2017.
ANTH4381_F2017-1.pdf

ANTH 5312, Curriculum Development, Texas State University. Taught: 2008 - 2016.
ANTH 5312 Spring 2016-1.docx

ANTH 5326, Curriculum Development, Texas State University. Taught: 2015.

ANTH 5375, Curriculum Development, Texas State University. Taught: 2012.

ANTH 4382, Curriculum Development, Texas State University. Taught: 2008 - 2011.

ANTH 4383, Curriculum Development, Texas State University. Taught: 2008 - 2011.

ANTH 5378, Curriculum Development, Texas State University. Taught: 2008 - 2011.

ANTH 5321, Curriculum Development, Texas State University. Taught: 2010.

ANTH 3381, Curriculum Development, Texas State University. Taught: 2008 - 2009.

ANTH 1312, Curriculum Development, Texas State University. Taught: 2007 - 2008.

ANTH 3380 - ONLINE, Revise Existing Course, Texas State University. Taught: 2022 - Present.

F. Other:

Student Accomplishments:

Award:

Mentor, P.E.O Scholar Award (International Chapter of the P.E.O. Sisterhood).
Status: Completed. (2022).
Student(s): Emilie Wiednemeyer, Doctoral.

Mentor, Phi Kappa Phi Doctoral Dissertation Fellowship. Status: Completed. (2022).
Student(s): Jennifer Barron.

Mentor, Society for Applied Anthropology Annual Conference Best Student Poster. "Educational But Ethical? The Tensions within Historic Skeletal Collections." (2022).
Student(s): Jennifer Barron.

Supervisor, AAFS/Forensic Science Foundation Emerging Forensic Scientist Award. "Craniometrics vs SNP's: Is there a correlation?." (2020).
Student(s): Kamar Afra, Graduate, MA.

Supervisor, National Institute of Justice Graduate Research Fellowship. "An Examination of Musculoskeletal Markers in Modern Populations for Forensic Analysis and Identification Purposes." Status: In Progress. (2020). Anthropology, Texas State.
Student(s): Emilie Wiedenmeyer, PhD.

Supervisor, Conference of Southern Graduate Schools Outstanding Master's Thesis Award. "Evaluation of Soil Chemistry in Human Decomposition Sites," Conference of Southern Graduate Schools, Fayetteville, Arkansas. Status: Completed. (2018).
Student(s): James Fancher, Graduate, MA.

G. Teaching Professional Development Activities Attended

Workshop, "Age Estimation from the Pubic Symphysis: Back to Basics," Forensic Technology Center of Excellence/RTI International. (2023).

Workshop, "Dental Morphology: The Informative but Lesser-Known Traits," Forensic Technology Center of Excellence/RTI International. (2023).

Workshop, "Triaging Cases: Case Management and All That Means," Forensic Technology Center of Excellence/RTI International. (2023).

Workshop, "Forensic Fractography of Bone: A New Model for Skeletal Trauma Analysi," Forensic Technology Center of Excellence/RTI International. (2022).

Workshop, "Skeletal Sex Estimation and Practitioner Use of MorphoPasse," Forensic Technology Center of Excellence/RTI International. (2022).

Workshop, "Transition Analysis 3 Age-at-Death Estimation: Past, Present, and Future," Forensic Technology Center of Excellence/RTI International. (2022).

Workshop, "What Keeps You Awake at Night: Risk, Leading Change, and Challenging Decisions," Forensic Technology Center of Excellence/RTI International. (2022).

Workshop, "Mimics of Child Abuse Seminar," Harris County Institute of Forensic Sciences. (2010).

Workshop, "Putting Our Forensic House in Order: The Best Path Forward," American Academy of Forensic Sciences. (2010).

Workshop, "Syracuse University Dialogue in Forensic Science: Trauma," Syracuse University. (2010).

Workshop, "Taphonomy of Bone Destruction: Information Lost, Information Gained," American Academy of Forensic Sciences. (2010).

Workshop, "Quality Assurance in Human Identification," American Academy of Forensic Sciences. (2009).

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

1. Books:

d. Chapters in Books:

Refereed:

Kjellstrom, A., & Hamilton, M. D. (2014). The Taphonomy of Maritime Warfare: A Forensic Reinterpretation of Sharp Force Trauma from the 1676 Wreck of the Royal Swedish Warship Kronan. In D. L. Martin & C. P. Anderson (Eds.), *Bioarchaeological and Forensic Perspectives on Violence: How Violent Death is Interpreted from Skeletal Remains (Cambridge Studies in Biological and Evolutionary Anthropology)* (pp. 34–50). Cambridge: Cambridge University Press.

2014 Taphonomy maritime warfare-1.pdf

Hamilton, M. D., & Erhart, E. M. (2012). Anthropology of poaching: cultural motives for animal harvesting and forensic techniques to aid in the recovery and preservation of evidence. In J. Huffman & J. Wallace (Eds.), *Wildlife Forensics: Techniques and Applications* (pp. 65–80). New York: Wiley-Blackwell.

Love, J. C., & Hamilton, M. D. (2011). Forensic Anthropology. In C. Noziglia & A. Mozayani (Eds.), *The Forensic Laboratory Handbook: Procedures and Practice (Forensic Science and Medicine Series)* (2nd Edition, pp. 509–537). Totowa: Humana Press.

Hamilton, M. D. (2009). Adverse Reactions: Practicing Bioarchaeology among the Cherokee. In L. Lefler (Ed.), *Under the Rattlesnake: Cherokee Health and Resiliency* (pp. 29–60). Tuscaloosa: University of Alabama Press.

Hamilton, M. D., & Townsend, R. G. (2009). The Unintended Consequences of Prehistoric Skeletal Studies to Modern Cherokee Communities. In L. Lefler (Ed.), *Under the Rattlesnake: Cherokee Health and Resiliency* (pp. 23–28). Tuscaloosa: University of Alabama Press.

Hamilton, M. D. (2008). Colonizing America: Paleoamericans in the New World. In L. Zimmerman & C. Smith (Eds.), *Kennewick Man: Perspectives on the Ancient One* (pp. 128–137). Walnut Creek: Left Coast Press (Sponsor: World Archaeological Congress).

2. Articles:

a. Refereed Journal Articles:

Barron, J., Bayles, B., & Hamilton, M. D. (2025). Educational but Unethical? The Tension Within Historic Skeletal Collections. *Practicing Anthropology*, 1–11. https://doi.org/https://doi.org/10.1080/08884552.2025.2544568 https://www.tandfonline.com/doi/full/10.1080/08884552.2025.2544568?af=R

Afra, K., Hamilton, M. D., & Algee-Hewitt, B. (2022). Self-reported ancestry and craniofacial SNPs: Assessing correspondence with implications for forensic case analysis and reporting. *Forensic Anthropology*, *4*(4), 181–191.
2022 Self-reported ancestry-1.pdf
Additional Comments: Publication with my student(s)

Goldstein, J. Z., Moe, M. E., Wiedenmeyer, E. L., Banks, P. M., Mavroudas, S. R., & Hamilton, M. D. (2022). Humanitarian Action in Academic Institutions: A Case Study in the Ethical Stewardship of Unidentified Forensic Cases. *Forensic Sciences Research*. Published.

https://doi.org/10.1080/20961790.2022.2035063
https://doi.org/10.1080/20961790.2022.2035063
2022 Humanitarian action-1.pdf

Afra, K., Algee-Hewitt, B., & Hamilton, M. D. (2021). Understanding the relationship between genetic markers and skeletal remains: Implications for forensic anthropology and phenotype-genotype studies. *Human Biology*, *93*(2), 83–104.
2021 Understanding pheno-geno-1.pdf
Additional Comments: Publication with my student(s)

Aitkenhead-Peterson, J. A., Fancher, J. P., Alexander, M. B., Hamilton, M. D., Bytheway, J. A., & Wescott, D. J. (2021). Predicting postmortem interval for human cadavers in a sub-tropical climate using UV-Vis-near infrared spectroscopy. *Journal of Forensic Sciences*, *66*(1), 190–201. https://doi.org/10.1111/1556-4029.14579
2020 Estimating PMI-1.pdf

Siegert, C. C., Hamilton, M. D., Erhart, E., & Devlin, J. B. (2020). A comparative assessment of consolidation materials applied to burned bone. *Forensic Science International*, *310*, 110224. https://doi.org/http://dx.doi.org/10.1016/j.forsciint.2020.110224
2020 Comparative assessment[39]-1.pdf

Lennartz, A., Hamilton, M. D., & Weaver, R. C. (2020). Assessing Moisture Content in Decomposing, Desiccated, and Mummified Tissue. *Forensic Anthropology*, *3*, 1–16.
2021 Moisture content-1.pdf
Additional Comments: Publication with my student(s)

Fancher, J. P., Aitkenhead-Peterson, J. A., Farris, T., Mix, K. D., Schwab, A. P., Wescott, D. J., & Hamilton, M. D. (2017). An Evaluation of Soil Chemistry in Human Cadaver Decomposition Islands. *Forensic Science International*, *279*, 130–139. https://doi.org/10.1016/j.forsciint.2017.08.002
2017 Evaluation of soil chem-1.pdf

Black, S., Spradley, M. K., & Hamilton, M. D. (2015). Crevice interments deconstructed. *Journal of Texas Archeology and History*, *2*, 1–17.
2015 Crevice interments-1.pdf
Additional Comments: (Impact Factor: unavailable)

Spradley, M. K., Hamilton, M. D., & Giordano, A. (2012). Spatial patterning of vulture scavenged human remains. *Forensic Science International*, *219*, 57–63.
Additional Comments: (Impact Factor: 2.3)

Hamilton, M. D., & Spradley, M. K. (2011). Purported drug cartel use of vultures as a method for body disposal. *Journal of Forensic Identification*, *6*, 425–429.
Additional Comments: (Impact Factor: unavailable)

Marks, M. K., & Hamilton, M. D. (2007). Metastatic carcinoma: palaeopathology and differential diagnosis. *International Journal of Osteoarchaeology*, *17*, 217–234.

Additional Comments: (Impact Factor: 1.8)

b. Non-refereed Articles:

Melbye, F. J., & Hamilton, M. D. (2008). Letter to the Editor - Re: Skull features as clues to age, sex, race, and lifestyle. *Journal of Forensic Identification*, *58*, 401–404.

5. Reports:

Hamilton, M. D. (2022). *Case No: 2022-00831. Analysis of human skeletal remains from Princeton, TX. Collin County, TX.*

Additional Comments: Forensic case report submitted to law enforcement/medicolegal authorities

Hamilton, M. D. (2022). *Case No: 2022-02458. Analysis of human cranium recovered from storage unit. Collin County, TX.*

Additional Comments: Forensic case report submitted to law enforcement/medicolegal authorities

Hamilton, M. D., & Giacomello, E. M. (2022). *Case No: WSCO2022-10-00438. Analysis of recovered human skeletal elements. Williamson County, TX*.

Additional Comments: Forensic case report submitted to law enforcement/medicolegal authorities

Hamilton, M. D. (2021). *Case No: 21-0096. Human skeletal remains found in DeWitt County, TX.*

Additional Comments: Forensic case report submitted to law enforcement/medicolegal authorities

Hamilton, M. D. (2021). *Case No: C79-0668. Consultation regarding human remains from 1979 in Washoe County, NV.*

Additional Comments: Consultation report submitted to legal authorities

Hamilton, M. D., Garza, S. L., Kaplan, M., & Barron, J. A. (2021). *Case No: F02-2021. Human skeletal remains found in Mason County, TX.*

Additional Comments: Forensic case report submitted to law enforcement/medicolegal authorities

Kaplan, M., Garza, S. L., Barron, J. A., Hamilton, M. D., & Spradley, M. K. (2021). *Case No: OpID 0641. Analysis of unidentified human remains from Starr County, TX*.

Additional Comments: Forensic case report

Kaplan, M., Garza, S. L., Barron, J. A., Hamilton, M. D., & Spradley, M. K. (2021). *Case No: OpID 0657. Analysis of unidentified human remains from Cameron County, TX*.

Additional Comments: Forensic case report

Garza, S. L., Kaplan, M., Barron, J. A., Hamilton, M. D., & Spradley, M. K. (2021). *Case No: OpID 0660. Analysis of unidentified human remains from Starr County, TX*.

Additional Comments: Forensic case report

Garza, S. L., Kaplan, M., Barron, J. A., Hamilton, M. D., & Spradley, M. K. (2021). *Case No: OpID 0661. Analysis of unidentified human remains from Starr County, TX*.

Additional Comments: Forensic case report

Additional Comments: Forensic case report

Kaplan, M., Garza, S. L., Barron, J. A., Hamilton, M. D., & Spradley, M. K. (2021). *Case No: OpID 0666. Analysis of unidentified human remains from Starr County, TX*.

Additional Comments: Forensic case report

Garza, S. L., Molly Kaplan, Barron, J. A., Hamilton, M. D., & Spradley, M. K. (2021). *Case No: OpID 0670. Analysis of unidentified human remains from Starr County, TX*.

Additional Comments: Forensic case report

Garza, S. L., kaplan, molly, Barron, J. A., Hamilton, M. D., & Spradley, M. K. (2021). *Case No: OpID 0675. Analysis of unidentified human remains from Starr County, TX*.

Additional Comments: Forensic case report

Hamilton, M. D. (2020). *Case No: 2020-00992. Trauma analysis of partial human skeletal remains. Collin County, TX.*

Additional Comments: Forensic case report submitted to law enforcement/medicolegal authorities

Hamilton, M. D. (2018). *Case No: 18-05-6014. Analysis of human skeletal remains recovered from Bulverde, TX*.

Additional Comments: Forensic case report submitted to law enforcement/medicolegal authorities

Hamilton, M. D. (2018). *Case No: 2018-00926. Analysis of human skeletal remains from McKinney, TX. Collin County, TX.*

Additional Comments: Forensic case report submitted to law enforcement/medicolegal authorities

Hamilton, M. D. (2018). *Case No: 2018-03485. Analysis of multiple human skeletal remains from McKinney, TX. Collin County, TX.*

Additional Comments: Forensic case report submitted to law enforcement/medicolegal authorities

Wescott, D. J., & Hamilton, M. D. (2018). *Recovery and anthropological analysis of Comal County Sheriff's Office Case 18-05-6014*.

Hamilton, M. D. (2017). *Case No: 2017-01714. Analysis of human skeletal remains from McKinney, TX. Collin County, TX.*

Additional Comments: Forensic case report submitted to law enforcement/medicolegal authorities

Hamilton, M. D., & Spradley, M. K. (2016). *Case No: 2016-00040. Analysis of unidentified human skeletal remains from Kenedy County, TX.*

Additional Comments: Forensic case report submitted to law enforcement/medicolegal authorities

Spradley, M. K., & Hamilton, M. D. (2016). *Case No: 2016-00046. Analysis of unidentified human skeletal remains from Kenedy County, TX.*

Additional Comments: Forensic case report submitted to law enforcement/medicolegal authorities

Hamilton, M. D., & Spradley, M. K. (2012). *Center for Archaeological Studies, NAGPRA Bioarchaeological Report on human skeletal remains from the bus loop/ticket booth construction*.

Additional Comments: (NAGPRA Reports) (41HY160)

Hamilton, M. D., & Stull, K. E. (2010). *Center for Archaeological Studies, NAGPRA Bioarchaeological Report on human skeletal remains from the Wonder World Extension*.

Additional Comments: (NAGPRA Reports)

Hamilton, M. D., & Spradley, M. K. (2009). *Texas Department of Transportation, NAGPRA Bioarchaeological Report on human skeletal remains on multiple human skeletal remains from the Texas panhandle*.

Additional Comments: (NAGPRA Reports)
(site 41RB112)

6. Book Reviews:

Hamilton, M. D., Connell, B., Jones, A. G., Redfern, R., & Walker, D. (2013). A Bioarchaeological Study of Medieval Burials on the Site of St Mary Spital: Excavations at Spitalfields Market, London E1, 1991-2007. *American Journal of Physical Anthropology*.

Hamilton, M. D., Komar, D. A., & Buikstra, J. E. (2009). Forensic Anthropology: Contemporary Theory and Practice. *American Journal of Physical Anthropology*.

Hamilton, M. D., & Sofaer, J. R. (2007). The Body as Material Culture: A Theoretical Osteoarchaeology. *American Journal of Physical Anthropology*.

Hamilton, M. D. (2006). Interacting with the Dead: Perspectives on Mortuary Archaeology for the New Millennium. (G. F. Rakita, J. E. Buikstra, L. A. Beck, & S. R. Williams, Eds.), *American Journal of Physical Anthropology*.

10. Other Works in Print:

Magazine / Trade Publications:

Sauerwein, K., & Hamilton, M. D. (2011). Forensic anthropology: Human remains in the legal context. *PLEXUS Medical Transcription Magazine*, *March 7*, 36–38.

Additional Comments: Publication with my student(s)

Technical Reports:

Spradley, M. K., Veltri, M. F., Hamilton, M. D., & Fancher, J. P. (2020). *Archeological Monitoring and Exhumations for the City of Austin's Oakwood Cemetery Chapel Restoration Project, Travis County, Texas. Volume II: Bioarcheology*. Austin, Texas: City of Austin.

B. Works Not in Print:

1. Papers Presented at Professional Meetings:

Afra, K., Hamilton, M. D., Algee-Hewitt, B., American Association of Physical Anthropologists 89th Meeting, "How is identity reflected in the human face." (2020).

Additional Comments: Publication with my student(s). Paper was accepted but meetings were canceled due to Covid lockdown

Wiedenmeyer, E. L., De Cree, T. M., Hamilton, M. D., American Academy of Forensic Sciences, "The Evolution of Forensic Anthropological Casework: Exemplifying the Importance of Routine Reanalysis of Long Term Unidentified Remains at the Forensic Anthropology Center at Texas State (FACTS)." (2024).

Additional Comments: Publication with my student(s)

Giacomello, E. M., Hamilton, M. D., American Academy of Forensic Sciences 75th Annual Meeting, "The Impact of Fat Mass on Decomposition Rate and Postmortem Interval Estimation." (February 2023).

Additional Comments: Publication with my student(s)

Kaplan, M., Garza, S. L., Barron, J. A., Hamilton, M. D., American Academy of Forensic Sciences 74th Annual Meeting, "Expanding lines of evidence: Contextualizing open forensic cases to enhance identification efforts in Texas." (2022).

Additional Comments: Publication with my student(s)

Koutlias, L. G., Hamilton, M. D., Newberry, D., Herrmann, N. P., Spradley, M. K., American Academy of Forensic Sciences, "Comparing Dental Indicators of Developmental Stress in Unidentified Migrant Remains to Narratives From Living Migrants: A Cross-Disciplinary Approach," Anaheim, CA, United States. (February 2020).

Afra, K., Hamilton, M. D., Algee-Hewitt, B., American Academy of Forensic Sciences 72nd Meeting, "Craniometrics vs SNP’s: Is there a correlation?." (February 2020).

Additional Comments: Publication with my student(s).

Winner: The 21st Annual AAFS/Forensic Science Foundation Emerging Forensic Scientist Award

Znachko, C., Hamilton, M. D., Spradley, M. K., Anderson, B. E., Watson, J., American Academy of Forensic Sciences, "Impacts of Biosocial Environment on Developmental Plasticity Among Unidentified Presumed Migrant Skeletal Remains Recovered Along the United States-Mexico Border," Anaheim, CA, United States. (February 2020).

Devlin, J., Jantz, L., Hamilton, M. D., Society for American Archaeology 83rd Conference, "Beyond the Farm: Forensic Taphonomy in East Tennessee." (2018).

Hamilton, M. D. (Co-author), Siegert, C. (First author), Erhart, E. (Co-author), Devlin, J. (Co-author), American Association of Physical Anthropologists 87th meeting, "The

Application of Consolidation Materials to Burned Bone: A Comparative Approach," American Association of Physical Anthropologists, Austin, Texas. (2018).

Additional Comments: Publication with my student(s)

Gocha, T. P. (Author), McDaneld, C. P., Siegert, C. C., Hamilton, M. D., Spradley, M. K., 45th Annual North American Meeting, "Spina Bifida and Lower Limb Abnormalities in a Modern Hispanic Migrant," Paleopathology Association, Austin, TX, United States. (April 2018).

Siegert, C. C., Spradley, M. K., Goots, A., Hamilton, M. D., American Association of Physical Anthropologists 85th Meeting, "Craniometric Analysis of Unaffiliated Native American Remains in Texas," Atlanta, GA. (2016).

Additional Comments: Publication with my student(s)

Wescott, D. J., Meckel, L. A., McDaneld, C. P., Hamilton, M. D., Mavroudas, S. R., Spradley, M. K., "White-Tailed Deer as a Taphonomic Agent: Photographic Documentation of White-Tailed Deer Gnawing on Human Bone," American Academy of Forensic Sciences, Las Vegas, NV, United States. (2016).

Wescott, D. J., Meckel, L., McDaneld, C., Hamilton, M. D., Mavroudas, S. R., Spradley, M. K., American Academy of Forensic Sciences, AAFS, Las Vegas, NV, United States. (February 2016).

Watson, C. C., Hamilton, M. D., Society for American Archaeology 79th Meeting, "Utility of the Petrous Portion in Estimating Sex of Unknown Skeletal Remains," Austin, TX. (2014).

Additional Comments: Publication with my student(s)

Stull, K. E., Sauerwein, K., Hamilton, M. D., American Association of Physical Anthropologists 82nd Meeting, "DISH in Obese Individuals: Manifestations and Differential Diagnosis in a Pathological Pubis," Knoxville, TN. (2013).

Additional Comments: Publication with my student(s)

Marks, M. K., Hamilton, M. D., American Association of Physical Anthropologists 82nd Meeting, "Histopathology and Differential Diagnosis of a Pelvic Calcification," Knoxville, TN. (2013).

Wescott, D. J., Hamilton, M. D., Spradley, M. K., Mavroudas, S. R., Sears, A. M., Tomberlin, J. K., "Regional Factors in Central Texas Affecting Postmortem Decomposition in Human Remains," American Academy of Forensic Sciences, Washington DC. (February 2013).

Tegtmeyer, C. E., Hamilton, M. D., American Association of Physical Anthropologists 81st Meeting, "A Comparative Analysis of Serrated and Non-Serrated Knife Trauma," Portland, OR. (2012).

Additional Comments: Publication with my student(s)

Stadler*, S., Perrault, K., Stefanuto, P. H., Brokl, M., LeBlanc, H., Hamilton, M. D., Mavroudas, S., Spradley, K., Wescott, D., Tomberlin, K., Tarone, A., Crippen, T., Benbow, E., Focant, J., Forbes, S., 3rd Annual UOIT Graduate Student Research Conference, "Did Halloween Scare Away the VOCs? An investigation into the production of VOCs from Human Decomposition," University of Ontario, Canada. (2012).

Additional Comments: *NB: Student awarded 1st place oral presentation.

Sauerwein, K., Hamilton, M. D., American Academy of Forensic Sciences 64th Meeting, "Estimating the Postmortem Interval From the Pattern of Staining on Skeletal Remains," Atlanta, GA. (2012).

Additional Comments: Publication with my student(s)

Kjellstrom, A., Hamilton, M. D., American Association of Physical Anthropologists 81st Meeting, "Identifying Sharp Force Defects: An Analysis of Ambiguous Skeletal Trauma Recovered from the Wreck of the Royal Swedish Battleship Kronan," Portland, OR. (2012).

Mavroudas, S. R., Wescott, D. J., Spradley, M. S., Hamilton, M. D., Stull, K. E., American Academy of Forensic Sciences 64th Meeting, "The Forensic Anthropology Center at Texas State University," Atlanta, GA. (2012).

Mavroudas, S. R., Wescott, D. J., Spradley, M. K., Hamilton, M. D., E, K. (Stull), "The Forensic Anthropology Center at Texas State University-San Marcos," American Academy of Forensic Sciences. (February 2012).

Hamilton, M. D., Texas Association of Biological Anthropologists Annual Meeting, "Forensic Anthropology at Texas State University-San Marcos: A Student and Practitioner-Centered Approach to Legal Casework," San Marcos, TX. (2011).

Tegtmeyer, C. E., Hamilton, M. D., Texas Association of Biological Anthropologists Annual Meeting, "Patterning of Serrated and Non-Serrated Sharp Force Trauma to Bone," San Marcos, TX. (2011).

Additional Comments: Publication with my student(s)

Marrero, I. J., Hamilton, M. D., American Academy of Forensic Sciences 62nd Meeting, "Color of Dentine as an Age Indicator for Hispanic Populations in Southwest Texas," Seattle, WA. (2010).

Parks, C. L., Brandt, E. T., Hamilton, M. D., Pechal, J., Tomberlin, J. K., American Academy of Forensic Sciences 57th Meeting, "A Study of the Human Decomposition Sequence in Central Texas," Denver, CO. (2009).

Hamilton, M. D., Melbye, American Academy of Forensic Sciences 57th Meeting, "Creating an Open-Air Forensic Anthropology Human Decomposition Research Facility," Denver, CO. (2009).

Hamilton, M. D., Melbye, American Academy of Forensic Sciences 57th Meeting, "Going Green: Environmentally Sound Practices in Human Decomposition Research and Laboratory Settings," Denver, CO. (2009).

Hamilton, M. D., Southwest Texas Popular Culture/American Indians Today in Popular Culture Conference, "What Happened to all the Paleoindians? New Theories on the Settling of the Americas," Albuquerque, NM. (2006).

Hamilton, M. D., American Anthropological Association 104th Meeting, "Making it So: Kennewick Man, Tribal Sovereignty, and the Practice of Anthropology," Washington, DC. (2005).

Synstelien, J. A., Klippel, W. E., Hamilton, M. D., American Academy of Forensic Sciences 57th Meeting, "Raccoon Foraging as a Taphonomic Agent of Soft Tissue Modification and Scene Alteration," New Orleans, LA. (2005).

Hamilton, M. D., Southern Anthropological Society 40th Meeting, "Tribal Sovereignty and its Impact to the Discipline of Anthropology," Chattanooga, TN. (2005).

Hamilton, M. D., Marks, M. K., American Association of Physical Anthropologists 73rd Meeting, "Metastatic Carcinoma: Skeletal Pattern and Diagnosis," Tampa, FL. (2004).

Townsend, R. G., Hamilton, M. D., Appalachian Studies Conference 27th Meeting, "Prehistoric Skeletal Studies: Benefits to Modern Cherokee Communities," Cherokee, NC. (2004).

Devlin, J. L., Hamilton, M. D., American Academy of Forensic Sciences 55th Meeting, "Supply and Demand: Trends and Training in Forensic Anthropology," Chicago, IL. (2003).

Synstelien, J. A., Hamilton, M. D., American Academy of Forensic Sciences 55th Meeting, "Expressions of Handedness in the Vertebral Column," Chicago, IL. (February 2003).

Hamilton, M. D., Benedix, D. C., Marks, M. K., American Academy of Forensic Sciences 52nd Meeting, "Differential Decomposition: Taphonomic Variation in a Tennessee Double Homicide," Reno, NV. (2000).

Hamilton, M. D., Marks, M. K., American Association of Physical Anthropologists 67th Meeting, "Oral Pathology in a Southeastern Mississippian Period Site," Salt Lake City, UT. (1998).

2. Invited Talks, Lectures, and Presentations:

Hamilton, M. D., Dr. Cunningham's class, "Epigenetics," Texas State University. (2022).

Hamilton, M. D., San Marcos Baptist Academy, San Marcos TX, "Forensic Anthropology. San Marcos Baptist Academy, San Marcos TX." (2018).

Hamilton, M. D., United States and Canadian Academy of Pathology (USCAP) Annual Meeting, "Dental Health of a Mississippian Site. United States and Canadian Academy of Pathology Annual Meeting, San Antonio, TX," San Antonio, TX. (2017).

Hamilton, M. D., Rotary Club, San Marcos, TX, "Rotary Club, San Marcos, TX." (2016).

Hamilton, M. D., Texas A&M University, Department of Anthropology, "Texas A&M University, Department of Anthropology." (2015).

Hamilton, M. D., Forensic Anthropology Society, Texas State University, Invited Speaker Series, "Forensic Anthropology Society, Texas State University, Invited Speaker Series." (2012).

Hamilton, M. D., East Tennessee State University, Anthropology Speaker Series, "East Tennessee State University, Anthropology Speaker Series." (2011).

Hamilton, M. D., Forensic Anthropology and FACTS. FBI Citizen’s Academy, "Forensic Anthropology and FACTS. FBI Citizen’s Academy," San Antonio, TX. (2011).

Hamilton, M. D., Forensic Anthropology Society, Texas State University, Invited Speaker Series, "Forensic Anthropology Society, Texas State University, Invited Speaker Series." (2011).

Hamilton, M. D., Texas A&M University, Forensic Science Seminar, "Texas A&M University, Forensic Science Seminar." (2011).

Hamilton, M. D., Texas Center for the Judiciary, Lone Pine, "Forensic Anthropology for Texas Center for the Judiciary." (2010).

Hamilton, M. D., Texas Association of College and University Police Administrators, "Forensic Anthropology. Texas Association of College and University Police Administrators." (2010).

Hamilton, M. D., Texas Division of the International Association for Identification, "Forensic Anthropology. Texas Division of the International Association for Identification." (2010).

Hamilton, M. D., Human Remains Recovery School, Federal Bureau of Investigation, "Human Remains Recovery School, Federal Bureau of Investigation." (2009).

Additional Comments: 1999-2009

Hamilton, M. D., Texas Department of Public Safety. Texas State Trooper Academy, "Texas Department of Public Safety. Texas State Trooper Academy." (2009).

Hamilton, M. D., Discover Texas State, "Discover Texas State." (October 2009).

Hamilton, M. D., Discover Texas State, "Discover Texas State." (April 2009).

Hamilton, M. D., Association of Medical Transcriptionists-Austin, "Association of Medical Transcriptionists-Austin." (2008).

Hamilton, M. D., Discover Texas State, "Discover Texas State." (2008).

Hamilton, M. D., Freeman Ranch Fundraising Drive, "Freeman Ranch Fundraising Drive." (2008).

Hamilton, M. D., Texas Division of the International Association for Identification, "Texas Division of the International Association for Identification." (2008).

Hamilton, M. D., Forensic Science Institute, "Forensic Science Institute," University of Central Oklahoma. (2007).

Hamilton, M. D., Texas A&M University, Forensic Science Seminar, "Texas A&M University, Forensic Science Seminar." (2007).

Hamilton, M. D., Texas Department of Public Safety. Texas State Trooper Academy, "Texas Department of Public Safety. Texas State Trooper Academy." (2007).

Hamilton, M. D., Texas Department of Public Safety. Texas State Trooper Academy, "Texas Department of Public Safety. Texas State Trooper Academy." (2006).

3. Consultancies:

Government, Collin County Medical Examiner's Office. (2019 - Present).

Government, Travis County Medical Examiner’s Office. (2018 - Present).

Litigation, Expert Witness for Prosecution, Walker County, TX (Capital murder case – N. Roberts, defendant). (2022).

Litigation, Expert Witness for Prosecution, Cook County Illinois (Burr Oaks Cemetery case). (2015).

4. Workshops:

Hamilton, M. D., Funding for the Forensic Anthropology Center, "FBI Latent Fingerprint Workshop," Texas State University. (2010).
Additional Comments: $10,000.00.*NB: Funding from FBI and TEEX workshops generated $4K in $1000.00 graduate student scholarships, allowing for in-state tuition for every admitted 2010 Fall incoming forensic anthropology graduate student.

Hamilton, M. D., Funding for the Forensic Anthropology Center, "Human Remains Recovery Workshop," Texas State University. (2010).
Additional Comments: $10,000.00.

Hamilton, M. D., TEEX Law Enforcement Training Course. Funding for the Forensic Anthropology Center, "Outdoor Recovery of Human Remains," Texas State University. (2010).
Additional Comments: $12,000.00.*NB: Funding from FBI and TEEX workshops generated $4K in $1000.00 graduate student scholarships, allowing for in-state tuition for every admitted 2010 Fall incoming forensic anthropology graduate student.

Hamilton, M. D., "Texas Forensic Anthropology Annual Mini-Conference," San Marcos, TX. (2010).

Hamilton, M. D., Forensic Anthropology Workshop for Law Enforcement, Texas State, "Is it Human?." (2007).

Hamilton, M. D., Forensic Anthropology Workshop for TCLEOSE credit, "Bugs, Bones, and Bodies." (2006).

5. Other Works not in Print:

a. Works "submitted" or "under review":

Journal Articles:

Fancher, J. P., & Hamilton, M. D. (Submitted / Under Review). The Rule of Three Supports the Statistical Basis of Dental Identification in Forensic Odontology. *American Journal of Forensic Medicine and Pathology*. (January 2026)

b. Works "in progress":

Journal Articles:

Hamilton, M. D., Crabb, C., & Fancher, J. P. (In Preparation; Not Yet Submitted). Assessing Periodontitis in Skeletal Remains Using a Periodontal Clinical Approach.

Additional Comments: Publication with my student(s)

Hamilton, M. D. (In Preparation; Not Yet Submitted). Skull on the Mantle: Recognition of Non-Forensically Significant Skulls in Medicolegal Casework.

Baker, S. A., Collord-Stalder, H. G., Maier, A. K., Stumpf, M. R., Hamilton, M. D., Campbell, T., & Lewis, P. (In Preparation; Not Yet Submitted). The Morphology of Cranial Ballistic Trauma: Twelve Case Studies.

Spradley, M. K., Giordano, A., Szpakowski, D., Michelle, H., & Sincerbox, S. (In Preparation; Not Yet Submitted). Longitudinal geospatial analysis of vulture scavenged remains. *Forensic Science International*.

c. Other Works Not in Print:

Creative Works Cited in Conference Papers / Presentations:

Stumpf, M. R., Baker, S. A., Maier, A. K., Collord-Stalder, H. G., Hamilton, M. D., Campbell, T. L., Lewis, P. J., Department of Anthropology Student Research Conference, "Analysis of Ballistic Fractures in Texas State Donated Skeletal Collection (TXSTDSC) Crania," Texas State University, San Marcos, Texas. (April 5, 2024).

Rebecca, R., Baker, S. A., Dunham, C. N., Hamilton, M. D., Texas Academy of Science 127th annual meeting, "An Extended Standard of Processing Procedures Prepares Undergraduate Volunteers and Attempts to Increase Overall Efficiency," University of Texas Permian Basin, Odessa, Texas. (March 2, 2024).

Other works not in prints:

Hamilton, M. D., PBS Television, "NOVA Science Now." (2012).

Additional Comments: Episode: “Can Science Stop Crime?” (aired October 17, 2012)

Hamilton, M. D., National Geographic (four part series)*, "The Decrypters: Skeletal Cold Case Files." (2011).
Additional Comments: Episode 1: “The Last Mohican?” (aired March 29, 2012)
Episode 2: “Body Snatchers” (aired April 19, 2012)
Episode 3: “Gold Rush Murder” (aired April 26, 2012)
Episode 4: “Cowboy Corpse” (aired May 10, 2012)

*NB: Funding from National Geographic series generated $11k in $1000.00 graduate student scholarships, allowing for in-state tuition for every admitted 2011 Fall incoming forensic anthropology graduate student.

Posters:

Giacomello, E. M., Hamilton, M. D., Spradley, M. K., American Academy of Forensic Sciences, "Identification Patterns in Operation Identification Cases." (2026).

Nachmias, N. S., Spradley, M. K., Chu, E. Y.-N., Hamilton, M. D., 95th Annual Meeting of the American Association of Biological Anthropologists, "Embedded in the Bones: Investigation of Marginalization Through the Structural Vulnerability Profile," American Association of Biological Anthropologists, Denver, CO, United States. (March 2026).

Nachmias, N. S., Spradley, M. K., Chu, E. Y.-N., Hamilton, M. D., 78th Annual AAFS Scientific Conference`, "Embedded in the Bones: An Investigation of Marginalization Through the Structural Vulnerability Profile," American Academy of Forensic Sciences, New Orleans, LA, United States. (February 11, 2026).

Giacomello, E. M., Hamilton, M. D., American Academy of Forensic Sciences 77th Annual Meeting, "Differences in Tissue Consumption by Maggots." (2025).

Fox, K. C., Hamilton, M. D., Texas Academy of Science 128th Annual Meeting, "Vertebral Canal Constriction: Exploring the Link Between Vertebral Neural Canal Size and Early Mortality." (2025).

Nguyen, N. A. (1st author), Hamilton, M. D. (2nd author), American Association of Biological Anthropologists, "An Exploration of Fracture

Healing Morphology and Assessment Methodology within the Texas State Donated Skeletal Collection." (March 2025).

Krolczyk, B., Baker, S. A., Dunham, C. N., Hamilton, M. D., Texas Academy of Science 127th Annual Meeting, "An extended standard of processing procedures prepares undergraduate volunteers and attempts to increase overall efficiency." (2024).

De Cree, T. M., Giacomello, E. M., Gerstner, K. F., Moore, E. R., Hamilton, M. D., American Academy of Forensic Sciences, "Antemortem Trauma and Trauma Reporting in the Texas State Donated Skeletal Collection.." (2024).

Additional Comments: Publication with my student(s)

De Cree, T. M., Giacomello, E. M., Hamilton, M. D., Tello, Y., American Association of Biological Anthropologists, "The Impact of Case Protocol and Decedent Demographics on Positive Identification in Forensic Anthropology." (2024).

Baker, S. A., Collord-Stalder, H. G., Maier, A. K., Stumpf, M. R., Hamilton, M. D., Texas Academy of Science 127th Annual Meeting, "The morphology of cranial ballistic trauma: Twelve case studies." (2024).

Robledo, I., Cruz, K. A., Cuerrier-Richer, E., Dunham, C. N., Fox, K. C., Hamilton, M. D., Spradley, M. K., American Academy of Forensic Sciences 75th Annual Meeting, "The Utility of Birthplace Prediction from Stable Isotope Analysis in Migrant Identification." (February 2023).

Additional Comments: Publication with my student(s)

Robledo, I., Spradley, M. K., Hamilton, M. D., McDaneld, C. P., Herrmann, N. P., Asociación Latinoamericana de Antropología Forense Annual Meeting., "Crisis Migratoria: Un Análisis De Sur Texas/Migration Crisis: An Analysis of South Texas." (2022).

Additional Comments: Publication with my student(s)

Wiedenmeyer, E. L., Goldstein, J. Z., Banks, P. M., Moe, M. E., Mavroudas, S. R., Hamilton, M. D., American Academy of Forensic Sciences 74th Annual Meeting, "An Initial Review of the Long-Term Unidentified Cases Managed by the Forensic Anthropology Center at Texas State University." (February 2022).

Additional Comments: Publication with my student(s)

Nguyen, M., Wolfe, C., Hamilton, M. D., Herrmann, N. P., American Association of Physical Anthropologists 88th Meeting, "Survivorship from historical death records and skeletal remains from the Oakwood Cemetery in Austin, Texas (1866-1914)." (2019).

Helgeson, K. E., Siegert, C. C., McDaneld, C. P., Herrmann, N. P., Spradley, M. K., Hamilton, M. D., 88th Annual Meeting, "Midline Shifts in Modern Populations: Comparison of Migrants and a Donated Skeletal Collection.," American Association of Physical Anthropologists, Huntington Convention Center, Cleveland, OH, United States. (March 30, 2019).

Hamilton, M. D. (Co-Author), Taylor, K. (First author), American Association of Physical Anthropologists 87th meeting, "Sex Estimation from Carpals in an American White Sample," American Association of Physical Anthropologists, Seattle, WA. (2018).

Additional Comments: Publication with my student(s)

McClain, B., Hamilton, M. D., American Association of Physical Anthropologists 86th Meeting, "Methodological Comparison of the Macroscopic vs. Radiographic Assessment of Cranial Porosities within the Texas State University Donated Skeletal Collection." (2017).

Additional Comments: Publication with my student(s)

Hamilton, M. D., Siegert, C., Pyle, J., American Association of Physical Anthropologists 86th Meeting, "Paleopathological Assessment of Health and Social Status in a Texas Gulf Coastal Plains Population," American Association of Physical Anthropologists, New Orleans, Louisiana. (2017).

Additional Comments: Publication with my student(s)

Siegert, C. C., Koenig, C. W., Castaneda, A. M., Black, S. L., Hamilton, M. D., Meckel, L., Devora, G., Mavroudas, S. R., American Association of Physical Anthropologists 86th Annual Meeting, "Horse Trail Shelter (41VV166): Understanding subsistence and lifeways in the lower Pecos Canyonlands of Texas during the Late Prehistoric using a novel SfM approach to osteological data collection," new orleans, LA, United States. (April 2017).

McClain, B., Hamilton, M. D., Spradley, M. K., American Association of Physical Anthropologists 85th Meeting, "Indicators of Stress within Modern Undocumented Border Crossers Along the South Texas Border." (2016).

Additional Comments: Publication with my student(s)

C. Scholarly / Creative Grants and Contracts:

1. Funded External Grants and Contracts:

Hamilton, Michelle D (Principal), Wiedenmeyer, Emilie Lucylle. An examination of musculoskeletal markers in modern populations for forensic analysis and identification purposes, National Institute of Justice, Federal, $150,000.00. (Submitted: 2020, Funded: 2021 - Present). Grant.

Additional Comments: Wiedenmeyer, Emilie (Co-PI)

Hamilton, M D (Co-Principal), Spradley, M K (Co-Principal). Center for Archaeological Studies, NAGPRA Bioarchaeological Analysis Contract. Human skeletal remains from the bus loop/ticket booth construction on the campus of Texas State University-San Marcos, TX (41HY160), $1,000.00. (Submitted: 2012, Funded: 2012 - Present). Contract.

Hamilton, Michelle D, Fox, Kelsey Catrice. Enhancing Equitable Forensic Identification: An Evaluation of Pelvic Morphology for Parity Detection and Age Estimation in Unidentified Skeletal Remains, National Institute of Justice Graduate Research Fellowship, Federal, $180,000.00. (Submitted: 2024, Funded: 2024 - 2027). Grant.

Mavroudas, Sophia (Principal), Percent Contribution: 50%, Herrmann, Nicholas Paul (Co-Principal), Percent Contribution: 20%, Hamilton, Michelle D (Co-Principal), Percent Contribution: 10%, Wescott, Daniel J (Co-Principal), Percent Contribution: 10%, Falleur, David M (Co-Principal), Percent Contribution: 5%, Jacobson, Jodi Arlene (Co-Principal), Percent Contribution: 5%. Acquiring a Microscopy Suite for Forensic Anthropology, Archaeology, and Biology, NSF, Federal, $255,000.00. (Submitted: 2019, Funded: September 1, 2019 - September 2021). Grant.

Hamilton, M D (Co-Principal), Stull, K E (Co-Principal). Center for Archaeological Studies, NAGPRA Bioarchaeological Analysis Contract. Human skeletal remains from the Wonder World Extension, San Marcos, TX, $1,000.00. (Submitted: 2010, Funded: 2010). Contract.

Hamilton, M D (Co-Principal), Spradley, M K (Principal). Isotopic and Elemental Analysis of the William M. Bass Donated Skeletal Collection and other Modern Donated Collections, National Institute of Justice, $19,300.00. (Submitted: 2010, Funded: 2010). Contract.

Additional Comments: Sub-contract with Mississippi State University. Funded Forensic Anthropology graduate student Caryn Tegtmeyer.

Hamilton, M D (Co-Principal), Spradley, M K (Principal). Texas Department of Transportation, NAGPRA Bioarchaeological Analysis Contract. Multiple human skeletal remains from the Texas panhandle (site 41RB112), $1,000.00. (Submitted: 2010, Funded: 2010). Contract.

2. Submitted, but not Funded, External Grants and Contracts:

Hamilton, Michelle D, Fox, Kelsey Catrice. The Structural Violence of Pregnancy: Comparing Skeletal Obstetric Advantages to Population Affinity, National Science Foundation BA-DDRIG, Federal, $137,401.00. (Submitted: 2023). Grant.

Peterson, J (Principal), Hamilton, M D (Co-Principal), Spradley, M K (Co-Principal). Determination of post-mortem interval under avian scavenged human remains and whole human remains using soil chemistry and diffuse reflectance NIR spectroscopy, National Institute of Justice. (Submitted: 2012). Grant.

Additional Comments: Sub-contract with Texas A&M University. Amount: $TBD

Hamilton, M D (Principal), Spradley, M K (Co-Principal), Giordano, A (Co-Principal). Developing a Spatial Analytical Model and Taphonomic Reference for Use in Animal-Scavenged Death Scenes, National Institute of Justice, $300,000.00. (Submitted: 2012). Grant.

Hamilton, M D (Principal), Spradley, M K (Co-Principal). Dimensions: Collaborative Research: Bacterial diversity influences competitive interactions of native and introduced blow fly species on ephemeral resources, National Science Foundation. (Submitted: 2011). Grant.

Additional Comments: Sub-contract with Texas A&M University. Amount: N/A.

Herrmann, N P (Co-Principal), Devlin, J L (Co-Principal), Schroedl, G (Co-Principal), Hamilton, M D (Principal). Revealing Clandestine Graves Through Multiple Instrument Geophysical Surveys: A Longitudinal, Multiple Locality Study Assessing the Effectiveness of Five Techniques, National Institute of Justice, $57,000.00. (Submitted: 2011). Grant.

Additional Comments: Sub-contract with The University of Tennessee Knoxville.

Hamilton, M D (Principal), Sauerwein, K (Co-Principal). Bone Staining and Estimations of Time Since Death, National Institute of Justice, $60,000.00. (Submitted: 2010). Grant.

Hamilton, M D (Principal), Spradley, M K (Co-Principal), Giordano, A (Co-Principal). Project Avian: Estimating the Postmortem Interval at Scavenged

Death Scenes, National Institute of Justice, $300,000.00. (Submitted: 2010). Grant.

Hamilton, M D (Principal), Spradley, M K (Co-Principal), Bousman, C B (Co-Principal). Texas Forensic Training and Service Initiative, Texas Legislative Appropriations Request/Exceptional Item Request, $2,000,000.00. (Submitted: 2010). Grant.

Hamilton, M D (Principal). Assessing Ethnicity in Modern American Skeletal Remains, National Institute of Justice, $30,000.00. (Submitted: 2008). Grant.

3. Funded Internal Grants and Contracts:

Hamilton, Michelle D, Cunningham, Deborah Lenz. REP: Reevaluating Unidentified Human Remains: A Comprehensive Identification Approach Using DNA, Dental Metrics, and Cranial Reconstruction Techniques, Texas State University, $16,000.00. (Submitted: 2024, Funded: 2024 - Present). Grant.

Mavroudas, Sophia Rose, Herrmann, Nicholas Paul, Wescott, Daniel J, Hamilton, Michelle D, Falleur, David M. Acquiring a Microscopy Suite for Forensic Anthropology, Archaeology, and Biology TXST supporting funds, Texas State University, Texas State University, $109,346.00. (Submitted: January 2019, Funded: September 2019 - September 2021). Grant.

Hamilton, M D. Freeman Fellows Award (Texas State University-San Marcos), Faculty Sponsor for graduate student research project (Soto, McClain, Springs, and Tegtmeyer), $1,500.00. (Submitted: 2012, Funded: 2012). Grant.

Hamilton, M D. REP: Estimating the Postmortem Interval via Bone Weathering, $8,000.00. (Submitted: 2008, Funded: 2009). Grant.

Additional Comments: (Funded forensic anthropology graduate student K. Sauerwein)

4. Submitted, but not Funded, Internal Grants and Contracts:

Spradley, Martha K (Principal), Hamilton, Michelle D (Co-Principal). NSF MRI, Proposal for digital X-RAY equipment, Texas State University, Federal, $135,558.00. (Submitted: 2010). Grant.

D. Scholarly / Creative Fellowships, Awards, Honors:

Award / Honor Recipient: Dean’s Excellence Award in Scholarly/Creative Activity, College of Liberal Arts ($1000.00).

2011

IV. SERVICE

A. Institutional

1. University:

Member, Committee member, Texas State Committee to Select External Reviewers for NEH fellowship. (2017).

Member, Texas State Undergraduate Research Journal (TXSTUR). (2016).

Member, Panel Chair, 7th International Research Conference for Graduate Students, Texas State. (2015).

Panel Chair, 7th International Research Conference for Graduate Students, Texas State. (2015).

Director, Forensic Anthropology Center at Texas State. (2008 - 2010).

Director, Forensic Anthropology Research Facility at Texas State. (2008).

2. College:

Alternate, College and Outside College Review Group (Liberal Arts) - Alternate representative. (2022).

3. Department/School:

Member, Curriculum Committee. (2023 - Present).

Member, Instructional Faculty Policy Committee. (2023 - Present).

Member, Faculty Search Committee - Biological Anthropology position (Dr. Chu, hire). (2023).

Member, Operation ID Post-Doc Search Committee - Texas State (Dr. Spradley, Chair). (2023).

Graduate Advisor, PhD Program Coordinator. (2021 - 2022).

Member, Departmental Outstanding Student Award Committee Member. (2014 - 2021).

Member, JMK Endowment for Graduate Research in Anthropology. (2017 - 2020).

Member, Departmental Merit Committee Member. (2015 - 2020).

Member, Graduate Student Scholarship Committee. (2011 - 2019).

Member, Associate Director of FACTS Search Committee - Texas State (Dr. Gocha, hire). (2018).

Member, NSF Post-Doc Search Committee - Texas State (Dr. Herrmann, Chair). (2018).

Member, Operation ID Search Committee - Texas State (Ms. Newberry, hire). (2018).

Member, Operation ID Search Committee - Texas State (unfilled search). (2017).

Member, PhD Proposal Committee (Erhart and Conlee, Chairs). (2016).

Member, Graduate College Scholarship Committee. (2014 - 2016).

Graduate Advisor, MA Graduate Advisor, Department of Anthropology. (2013 - 2016).

Member, Departmental Website Committee. (2013 - 2016).

Chair, Faculty Search Committee - Texas State University tenure track applied archaeology position (Dr. David Kilby, hire). (2015).

Graduate Advisor, Graduate College Graduate Scholarship Committee. (2014 - 2015).

Member, Faculty Search Committee - Texas State University tenure track forensic anthropology position (Dr. Nicholas Herrmann, hire). (2014 - 2015).

Member, Departmental Promotion Committee. (2014).

Member, Faculty Search Committee - Texas State University tenure track cultural anthropology position (Dr. Monica Schoch-Spana, hire). (2014).

Participant, Bobcat Days. (2012).

Member, Departmental Curriculum Committee. (2011).

developer, Created Program Faculty GOJA for Forensic Anthropology Coordinator. (2010).

Member, Faculty Search Committee - Texas State University tenure track forensic anthropology position (Dr. Daniel Wescott, hire). (2010).

Member, Faculty Search Committee - Texas State University tenure track forensic anthropology position (unfilled search). (2009).

Participant, Bobcat Days. (2009).

Participant, Discover Texas State. (2009).

Undergraduate Advisor, Forensic Anthropological Society. (2008 - 2009).

Organizer, Discover Texas State. (2008).

Member, Faculty Search Committee - Texas State University tenure track forensic anthropology position (Dr. M. Katherine Spradley, hire). (2007).

B. Professional:

Attendee / Participant, “Dental Morphology: The Informative but Lesser-Known Traits”. (2023).

Reviewer / Referee, Anonymous reviewer, Humans. (2023).

Reviewer / Referee, Anonymous reviewer, Forensic Anthropology. (2022).

Reviewer / Referee, Peer reviewer for Dr. Jennifer Love (Medical Examiner's Office, Washington, DC). (2016 - 2020).

Reviewer / Referee, Anonymous reviewer, National Science Foundation SBE Postdoctoral Research Fellowship Grant. (2018).

Reviewer / Referee, Anonymous reviewer, Forensic Anthropology. (2017).

Reviewer / Referee, Anonymous reviewer, Journal of Texas Archaeology and History. (2017).

Reviewer / Referee, Anonymous reviewer, National Science Foundation (SPRF-FR) SBE Postdoctoral Research Grant. (2017).

Reviewer / Referee, Anonymous reviewer, International Journal of Osteoarchaeology manuscript. (2016).

Reviewer / Referee, Natural Sciences and Engineering Research Council of Canada, Discovery Grant proposal. (2016).

Reviewer / Referee, University of Central Oklahoma forensic anthropology grant proposal. (2011).

Reviewer / Referee, Judge, Texas Association of Biological Anthropologists Student Presentation. (2010).

Reviewer / Referee, Anonymous reviewer, American Journal of Physical Anthropology. (2007).

C. Community:

Mentor for Joshua Roper, College Preparatory School of Science and Technology-Alamo (SST), Science Project (“Rate of Decompositional Soft Tissue Loss in Buried and Surface Environments”) presented at the 2014 Intel International Science & Engineering Fair, Los Angeles, CA. (May 11, 2014 - May 16, 2014).

D. Organization Memberships:

Diplomate, American Board of Forensic Anthropology. (2011 - Present).

Additional Comments: Diplomate, American Board of Forensic Anthropology

Fellow, American Academy of Forensic Sciences. (2008 - Present).

Additional Comments: Member

Member, American Association of Biological Anthropologists. (2008 - Present).

Additional Comments: Member

F. Service Grants and Contracts:

1. Funded External Service Grants and Contracts:

Alfsdotter, Clara (Principal), Petaros, Anja (Co-Principal), Kjellstrom, Anna (Co-Principal), Hansson, Lars-Anders (Co-Principal), Forbes, Sherri (Supporting), Hamilton, Michelle D (Supporting), Lynnerup, Niels (Supporting), Maijanen, Heli (Supporting), Brönmark, Christer (Supporting). Understanding Human Decomposition to Aid Crime Investigations, Swedish Research Council Project Grant for Research into Crime, Other, $200,000.00. (Submitted: 2022, Funded: 2022 - Present). Grant.

Additional Comments: International Reference Committee Member

Spradley, Martha K (Principal), Hamilton, Michelle D (Supporting), Herrmann, Nicholas Paul (Supporting), Fancher, James Patrick (Supporting), Canales, Eduardo (Supporting), Crowder, Christian (Supporting), Huston Katsanis, Sara (Supporting). Centralizing and Increasing the Reporting, Identification, and Repatriation of Unidentified Migrants in Texas Border Counties, Bureau of Justice Assistance, Federal, $996,045.00. (Submitted: 2023, Funded: January 1, 2023 - September 30, 2025). Grant.

2. Submitted, but not Funded, External Service Grants and Contracts:

Wescott, Daniel J (Principal), Hamilton, Michelle D (Co-Principal), Mavroudas, Sophia Rose (Co-Principal), Moe, Mariah Elaine (Co-Principal), De Cree, Theresa Marie (Co-Principal), Giacomello, Emma Michela (Co-Principal), Tersigni-Tarrant, MariaTheresa (Co-Principal). Bridging the Gap: Reducing Unidentified Human Remains in Texas Through Academic and Medicolegal Collaboration, Bureau of Justice Administration, Missing and Unidentified Human Remains (MUHR) Program, Federal, $996,780.00. (Funded: October 2025 - September 2027). Grant.

Hamilton, Michelle D (Co-Principal), Percent Contribution: 50%, Mavroudas, Sophia Rose (Co-Principal), Percent Contribution: 50%. Unidentified and Missing Persons Forensic Genetic Genealogy Testing Initiative, Office of Justice Programs, Federal, $780,000.00. (Submitted: 2024). Grant.