

Timothy P. Gocha

FORENSIC ANTHROPOLOGY CENTER | DEPT OF ANTHROPOLOGY | TEXAS STATE UNIVERSITY
601 UNIVERSITY DR. • SAN MARCOS, TX 78666 • TIM.GOCHA@TXSTATE.EDU

EDUCATION

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|-----------|---|
| 2008-2014 | PhD in Anthropology, Graduate Minor in Anatomy, The Ohio State University |
| 2007-2008 | MSc in Human Osteology and Paleopathology, with Distinction, University of Bradford |
| 2002-2006 | BA in Anthropology, <i>Magna Cum Laude</i> with Honors, The Ohio State University |

EMPLOYMENT HISTORY

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|------------------|---|
| 8/2019 – Present | Associate Director: Forensic Anthropology Center, Department of Anthropology, Texas State University |
| 8/2018 – 7/2019 | Forensic Supervisor/Chief Forensic Anthropologist: Clark County Office of the Coroner/Medical Examiner
Adjunct Assistant Professor: Department of Anthropology & School of Medicine, University of Nevada, Las Vegas |
| 8/2017 – 7/2018 | Assistant Professor: Department of Anthropology, University of Nevada, Las Vegas
Adjunct Assistant Professor: School of Medicine, University of Nevada, Las Vegas
Chief Forensic Anthropologist: Clark County Office of the Coroner/Medical Examiner |
| 3/2016 – 7/2017 | Postdoctoral Scholar, Operation Identification: Forensic Anthropology Center, Department of Anthropology, Texas State University |
| 1/2015 – 3/2016 | Postdoctoral Scholar, Skeletal Biology Research Lab, The Ohio State University |

PEER-REVIEWED PUBLICATIONS

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| 2022 | V. Perrone, T.P. Gocha , P. Randolph-Quinney, N. Procopio. Tooth Cementum Annulation: A Literature Review. <i>Forensic Sciences</i> 2(3): 516-550. DOI: 10.3390/forensicsci2030038.

T.P. Gocha. Review of: <i>Ancestry and Sex in Human Crania: A Comparative Photographic Atlas.</i> <i>Forensic Anthropology</i> DOI: 10.5744/fa.2021.0031

T.P. Gocha , S.M. Mavroudas, D.J. Wescott. The Texas State Donated Skeletal Collection at the Forensic Anthropology Center at Texas State. <i>Forensic Sciences</i> 2(1): 7-19. DOI: 10.3390/forensicsci2010002 |
| 2021 | A.R. Klales, H.M. Garvin, T.P. Gocha , K.M. Lesciotto, M.Walls. Examining the Reliability of Morphological Traits for Sex Estimation. <i>Forensic Anthropology</i> 3(3): 139-150. DOI: 10.5744/fa.2020.4015 |

Gocha – Curriculum Vitae

- 2020 M.K. Spradley, **T.P. Gocha**, “Migrant Deaths Along the Texas/Mexico Border: A Collaborative Approach to Forensic Identification of Human Remains.” In *Humanitarian Forensic Science: Interacting with dead and the living*. Eds. R.C. Parra, S.C. Zapico, and D.H. Ubelaker. New York, NY, USA: Wiley-Blackwell. Pp. 537-548.
- 2018 **T.P. Gocha**, A.G. Robling, S.D. Stout, “Histomorphometry of Human Cortical Bone: Applications to Age Estimation.” In *Biological Anthropology of the Human Skeleton, 3rd edn.* Eds. M.A. Katzenberg and A.L. Grauer. New York: John Wiley & Sons, Pp. 145-188.
- T.P. Gocha**, M.K. Spradley, R.M. Strand, “Bodies in Limbo: Issues in Identification and Repatriation of Migrant Remains in South Texas.” In *Sociopolitics of Migrant Death and Repatriation: Perspectives from Forensic Science*. Eds. K.E. Latham and A.J. O’Daniel. Cham, Switzerland: Springer International Publishing AG. Pp. 143-156.
- 2016 J.T. Hefner, B.F. Spatola, N.V. Passalacqua, **T.P. Gocha** – Beyond Taphonomy: Exploring Craniometric Variation Among Anatomical Material. *Journal of Forensic Sciences* 61: 1440-1449.
- S.D. Stout, **T.P. Gocha**, M.E. Cole, A.M. Agnew – Bone Histology. In *Oxford Bibliographies in Anthropology*. Ed. John L. Jackson, Jr. New York: Oxford University Press. Published online 28 September 2016; doi: 10.1093/obo/9780199766567-0148.
- T.P. Gocha** and A.M. Agnew – Spatial Variation in Osteon Population Density at the Human Femoral Midshaft: Histomorphometric Adaptations to Habitual Load Environment. *Journal of Anatomy* 228: 733-745.
- 2015 **T.P. Gocha**, M.E. Ingvaldstad, A. Kolatorowicz, M-T.J. Cosgriff-Hernandez, P.W. Sciulli. Testing the Applicability of Six Macroscopic Skeletal Aging Techniques on a Modern Southeast Asian Sample. *Forensic Science International* 249: 318.e1-318.e7.
- 2013 **T.P. Gocha**, G. Vercellotti, L.E. McCormick, T.L. Van Deest. Formulae for estimating skeletal height in modern Southeast Asians. *Journal of Forensic Sciences* 58(5): 1279-1283.
- T.P. Gocha** and H. Schutkowski. Tooth Cementum Annulation for Estimation of Age at Death in Thermally Altered Remains. *Journal of Forensic Sciences* 58(S1): S151-155.
- 2012 D.C. Rose, A.M. Agnew, **T.P. Gocha**, S.D. Stout, and J.S. Field. The use of Geographical Information Systems Software for the Spatial Analysis of Bone Microstructure. *American Journal of Physical Anthropology* 148: 648-654.

FUNDED EXTERNAL GRANTS AND CONTRACTS

T.P. Gocha (Principal), N.P. Herrmann (Supporting). Improving age-at-death estimates from human skeletal remains through spatial analysis of intracortical remodeling using geographic information systems software, National Institute of Justice, Federal, \$349,970.00. (Submitted: June 2021, Funded: January 1, 2022 - December 31, 2023). Grant.

T.P. Gocha (Principal). Reliability and Validity of Radiographic Comparisons for Positive Identification, National Institute of Justice, Federal, \$271,120.00. (Submitted: June 2021, Funded: January 1, 2022 -

Gocha – Curriculum Vitae

December 31, 2023). Grant. Subaward of \$270,120 in collaboration with UNLV, Jennifer Byrnes (Principal). Total award amount (including subaward) is \$567,682.

T.P. Gocha (Principal), M.K. Spradley (Co-Principal), M.E. Moe (Co-Principal). Finding the Missing and Unidentified: The Application of Predictive Modeling, Ground Penetrating Radar, and Small Unmanned Aircraft-Mounted Infrared Imagery for the Detection of Unmarked Graves, National Institute of Justice, Federal, \$150,000.00. (Submitted: April 14, 2020, Funded: January 2021 - December 2023). National Institute of Justice Graduate Research Fellowship for Mariah Moe Dissertation.

N.P. Herrmann (Principal), S.M. Mavroudas (Co-Principal), **T.P. Gocha** (Co-Principal). Histological Analysis of Dental and Bone Samples from the New Salem Cemetery, Hinds County, Mississippi, University of Mississippi, Institutional (Higher Ed), \$18,000.00. (Submitted: 2017, Funded: December 15, 2017 - June 30, 2018). Contract.

T.P. Gocha (Principal), M.K. Spradley (Co-Principal). Exhuming Migrant Remains in South Texas, American Academy of Forensic Sciences Humanitarian Human Rights Resource Center, Private Foundation/Corporate, \$19,512.00. (Funded: 2017 - 2018). Grant.

EXTERNAL GRANTS AND CONTRACTS SUBMITTED, NOT FUNDED

D.J. Wescott (Principal), **T.P. Gocha** (Co-Principal), S.M. Mavroudas (Co-Principal), S. Seddig (Co-Principal), N.P. Herrmann (Co-Principal). Forensic Fire Death Investigation: Cross-Disciplinary Research and Performance Standards Development for Structural, Vehicle, and Open-Pit Fire Scenes, National Institute of Justice, Basic Scientific Research to Support Forensic Science for Criminal Justice Purposes, Federal, \$774,845.00. (Submitted: June 2021). Grant.

M.K. Spradley (Principal), **T.P. Gocha** (Co-Principal), N.P. Herrmann (Co-Principal). A Documented Skeletal and Dental Dataset for Research, Development, and Validation in Forensic Anthropology, National Institute of Justice, Federal, \$410,356.00. (Submitted: June 2021). Grant.

T.P. Gocha (Principal), D.J. Wescott (Co-Principal). Comparing Information Recovery from Different Solid-Phase DNA Extraction Methods, Including Replication and Enrichment, to Support Optimized Forensic Genotyping of Human Bone, National Institute of Justice, Federal, \$13,785.81. (Submitted: May 2021). Grant. Proposed subaward in collaboration with George Mason University.

T.P. Gocha (Principal), D.J. Wescott (Co-Principal). Solid-phase DNA extraction methods from bone to support short tandem repeat (STR) and Single Nucleotide Polymorphism (SNP) DNA typing methods., National Institute of Justice, Federal, \$13,785.81. (Submitted: May 2021). Grant. Proposed subaward in collaboration with George Mason University.

T.P. Gocha (Principal), N.P. Herrmann (Co-Principal), J.Z. Goldstein (Co-Principal). Illuminating microstructural signatures of physiological stress through cross-sectional geometry and cortical bone histology, National Science Foundation, Federal, \$29,888.00. (Submitted: January 19, 2021). Grant. National Science Foundation Doctoral Dissertation Research Improvement Grant for Justin Goldstein.

T.P. Gocha (Principal), N.P. Herrmann (Co-Principal), J.Z. Goldstein (Co-Principal). Linking cortical bone microstructure and physiological stressors through multilevel modeling to aid the identification process for long-term unidentified casework, National Institute of Justice, Federal, \$150,000.00. (Submitted: April 14, 2020). Grant. National Institute of Justice Graduate Research Fellowship for Justin Goldstein.

HONORS, FELLOWSHIPS, AND AWARDS

Gocha – Curriculum Vitae

- 2015 Outstanding Ph.D. Dissertation Award. The Ohio State University, Department of Anthropology
2014 American Academy of Forensic Sciences Student Affiliate Scholarship
2013 Visiting Scientist, Forensic Anthropology. New York City Office of Chief Medical Examiner
2013 American Academy of Forensic Sciences Student Affiliate Scholarship
2010 Forensic Science Academy Fellowship. Joint POW/MIA Accounting Command (now DPAA), Central Identification Laboratory

CONFERENCE PRESENTATIONS

- 2022 L.A. Meckel, S. Mavroudas, J. Goldstein, S. Garza, **T.P. Gocha**. The Effects of Experimental Whole-Body Burning on the Cortical Bone Microstructure of Ribs, Femora, and Metatarsals. *Podium presentation at the 74th Annual Scientific Meeting of the American Academy of Forensic Sciences (Seattle, WA)*
- N. Procopio, S. Gino, O. Ogbanga, **T.P. Gocha**, D.J. Wescott, H.L. Mickleburgh. Forensic Microbiology of Human Cadavers in an Experimental Mass Grave. *Podium presentation at the 74th Annual Scientific Meeting of the American Academy of Forensic Sciences (Seattle, WA)*
- R. Weaver, A. Falsetti, **T.P. Gocha**, J. DiZinno. An Age-at-Death Estimation Using Cementochronology in Thermally Altered Teeth. *Podium presentation at the 74th Annual Scientific Meeting of the American Academy of Forensic Sciences (Seattle, WA)*
- H.L. Mickleburgh, M.B. Alexander, K.O. Doro, S.L. Forbes, A.L. Ford, S. Gino, **T.P. Gocha**, L. Kootker, N. Procopio, E. Robinson, D.J. Wescott. An Actualistic Experimental Replication of a Small-Sized Mass Grave: A Taphonomic Study Aimed at Developing Virtual Training Tools, Advancing Methods of Human Identification, and the Detection and Documentation of Mass Graves. *Podium presentation at the 74th Annual Scientific Meeting of the American Academy of Forensic Sciences (Seattle, WA)*
- S. Mavroudas, D. Steadman, K. Zedjlik, D. Wescott, **T.P. Gocha**, S. Hughes, G. Dabbs, M. Connor, J. Ward, E. Kimmerle, J. Harris, S. Forbes, A. Falsetti. 50 Years of Taphonomic Research: From Death's Acre to a Global Footprint. *Podium presentation at the 74th Annual Scientific Meeting of the American Academy of Forensic Sciences (Seattle, WA)*
- 2021 P. Banks, M.E. Moe, C.C. Siegert, S.R. Mavroudas, S. Seddig, N.P. Herrmann, **T.P. Gocha**, D.J. Wescott - Burned Bodies: Positional Change in Decomposed and Fresh Human Remains. *Poster presentation at the 73rd Annual Scientific Meeting of the American Academy of Forensic Sciences (Houston, TX/online)*
- N.P. Herrmann, C.C. Siegert, M.E. Moe, M.K. Spradley, **T.P. Gocha**, C.P. McDaneld, K.E. Helgeson, I. Valdez, S.B. High – Searching for the Unidentified in South Texas Cemeteries: The Application of Geophysical Prospection. *Poster presentation at the 73rd Annual Scientific Meeting of the American Academy of Forensic Sciences (Houston, TX/online)*
- 2020 **T.P. Gocha**, K.E. Stull, M.A. Pilloud – Outside Agency Response to the California Camp Fire. *Podium presentation at the 72nd Annual Scientific Meeting of the American Academy of Forensic Sciences (Anaheim, CA)*
- M.E. Moe, **T.P. Gocha** - Reevaluating the Use of Percentage of Nonremodeled Bone for Histological Age Estimations. *Poster presentation at the 72nd Annual Scientific Meeting of the American Academy of Forensic Sciences (Anaheim, CA)*

Gocha – Curriculum Vitae

- M.K. Spradley, **T.P. Gocha**, C.P. McDanel, C.C. Siegert – The Humanitarian and Human Rights Crisis in South Texas Exemplified through the Tres Norias Cemetery. *Invited poster presentation at the 72nd Annual Scientific Meeting of the American Academy of Forensic Sciences (Anaheim, CA)*
- M.A. Kaplan, M.K. Spradley, M. Doretti, E. Canales, C.M. Kovic, A. Giordano, N.P. Herrmann, C.C. Siegert, C.P. McDanel, M. Miranker, **T.P. Gocha**. – Standardizing the Use of Grave Markers for Unidentified Migrant Remains in South Texas Cemeteries. *Poster presentation at the 72nd Annual Scientific Meeting of the American Academy of Forensic Sciences (Anaheim, CA)*
- 2019 **T.P. Gocha**, M.E. Moe – Buckle Rib Fractures: More Than a Pleural Surface Phenomenon. *Poster presentation at the 71st Annual Scientific Meeting of the American Academy of Forensic Sciences (Baltimore, MD)*
- V. Wedel, **T.P. Gocha** – Reassessing Determining Season at Death Using Dental Cementum Increment Analysis (DCIA) in Young Adults. *Poster presentation at the 71st Annual Scientific Meeting of the American Academy of Forensic Sciences (Baltimore, MD)*
- 2018 **T.P. Gocha** – Operation Identification: A Holistic Anthropological approach to the Humanitarian Crisis on the U.S./Mexico Border. *Invited Plenary Talk at the 6th Annual Meeting of the Southwestern Association of Biological Anthropologists (Las Vegas, NV)*
- T.P. Gocha**, M.K. Spradley – Dental Metrics for Sex Estimation in Presumed Hispanic Migrants. *Poster presentation at the 87th Annual Meeting of the American Association of Physical Anthropologists (Austin, TX)*
- T.P. Gocha**, C.P. McDanel, C.C. Siegert, M.K. Hamilton, M.K. Spradley – Spina Bifida and Lower Limb Abnormalities in a Modern Hispanic Migrant. *Poster presentation at the 45th Annual North American Meeting of the Paleopathology Association (Austin, TX)*
- A. Cappella, **T.P. Gocha**, J.M. Vollner, D. Mazzarelli, L. Olivieri, B.E. Anderson, M.K. Spradley, C. Cattaneo. The Approach Toward Identification of Deceased Migrants in the United States and European Union: A Comparative Study between LABANOF (Italy), OpID (Texas), and PCOME (Arizona) experiences. *Podium presentation at the 70th Annual Scientific Meeting of the American Academy of Forensic Sciences (Seattle, WA)*
- M. Walls, A.R. Klales, K.M. Lesciotto, **T.P. Gocha** – Reliability and Validity of the Walker and Klales, et al. Methods. *Poster presentation at the 70th Annual Scientific Meeting of the American Academy of Forensic Sciences (Seattle, WA)*
- 2017 **T.P. Gocha** – Examining the Utility of Tooth Cementum Annulations for Age Estimation in Thermally Altered Remains. *Invited podium presentation at the symposium “New approaches to Burnt Human Bones and Teeth: The Bioarchaeology of Cremations and Tooth Cementum Annulation” hosted by the Austrian Academy of Sciences (Vienna, Austria)*
- A. Cappella, D. Mazzarelli, L. Olivieri, **T.P. Gocha**, M.K. Spradley, C. Cattaneo – The Relevant Role of the University in the Identification of Dead Migrants: A Comparative Study on the Experience of University of Milan and Texas State University. *Podium presentation to the Forensic Anthropology Society of Europe (Milan, Italy)*

Gocha – Curriculum Vitae

- T.P. Gocha**, M.K. Spradley, R.M. Strand – Bodies in Limbo: Issues in Identification and Repatriation of Migrant Remains in South Texas. *Podium presentation at the 37th Annual Mountain, Desert, and Coastal Forensic Anthropologists Conference (Boulder City, NV)*
- T.P. Gocha**, C.M. Kovic, M.K. Spradley – Migration and Morbidity in South Texas: A consequence of Violence in Central America and U.S. Immigration Policy. *Podium presentation at the 116th Annual Meeting of the American Anthropological Association (Washington, DC)*
- T.P. Gocha**, K.E. Helgeson, M.K. Spradley – The Bodies of Deceased Migrants: Mortuary Practice as Evidence of Marginalization and Social Inequality. *Invited podium presentation at the 5th Annual Meeting of the Western Bioarchaeology Group (Reno, NV)*
- T.P. Gocha**, M.M. Murach, A.M. Agnew – Cortical Thickness as a Supplement to Osteon Population Density to Estimate Age at Death. *Poster presentation at the 86th Annual Meeting of the American Association of Physical Anthropologists (New Orleans, LA)*
- C.P. McDanel, **T.P. Gocha**, C.C. Siegert, R.M. Strand, L.E. Baker, M.K. Spradley – Understanding the Degree of Craniometric Variation in South Texas Migrants. *Poster presentation at the 86th Annual Meeting of the American Association of Physical Anthropologists (New Orleans, LA)*
- A.M. Agnew, E. Misicka, M.M. Murach, V.M. Dominguez, **T.P. Gocha** – Fracture resistance in the Human Rib: Contributions of Cross-Sectional Geometry. *Poster presentation at the 86th Annual Meeting of the American Association of Physical Anthropologists (New Orleans, LA)*
- M.E. Ingvoldstad, **T.P. Gocha**, C.M. Crowder, V.M. Dominguez – Examining the Effect of ROI Size on the Ability to Accurately Estimate Age at Death from Osteon Population Density. *Podium presentation at the 69th Annual Scientific Meeting of the American Academy of Forensic Sciences (New Orleans, LA)*
- T.P. Gocha**, M.K. Spradley, R.M. Strand, B.E. Anderson, A. Lusiardo – The role of the Anthropologist in the Identification and Repatriation of Deceased Migrants along the US-Mexico Border. *Podium presentation to be given at the 69th Annual Scientific Meeting of the American Academy of Forensic Sciences (New Orleans, LA)*
- 2016 C.C. Siegert, **T.P. Gocha**, M.K. Spradley, C.P. McDanel – Operation Identification: An Effort Towards Identifying Migrant Remains in South Texas. *Poster presented at the 10th Annual Meeting of the Texas Association of Biological Anthropologists (Austin, TX)*
- T.P. Gocha** – The Hot Air Balloon Crash in Lockhart, TX: Anthropological Contributions to Odonatological Identification. *Podium presentation at the 6th Annual Meeting of the Forests, Lakes, and Grasslands (FLAG) Forensic Anthropologists (Higgins Lake, MI)*
- T.P. Gocha**, V.M. Dominguez, A.M. Agnew – Spatial Patterning (or lack thereof) in Osteon Population Density in the Human Rib. *Poster presented at the 85th Annual Meeting of the American Association of Physical Anthropologists (Atlanta, GA)*
- A.R. Dzubak, **T.P. Gocha**, A. Kolatorowicz – Observer error in digitizing endobasicranial coordinate landmarks. *Poster presented at the 85th Annual Meeting of the American Association of Physical Anthropologists (Atlanta, GA)*

Gocha – Curriculum Vitae

- V.M. Dominguez, **T.P. Gocha**, A.M. Agnew – Diffuse endosteal bone formation resulting from metastatic breast cancer: a histological case study. *Poster at the 43rd Annual Paleopathology Association Meeting (Atlanta, GA)*
- T.P. Gocha**, S.D. Stout, A.M. Agnew – Examining the Accuracy of Age Estimates from New Histological Sampling Strategies at the Femoral Midshaft. *Podium presentation given at the 68th Annual Scientific Meeting of the American Academy of Forensic Sciences (Las Vegas, NV)*
- 2015 **T.P. Gocha** – Histology for Accurately Estimating Age at Death in Adult Human Skeletal Remains. *Podium presentation at the 5th Annual Meeting of the Forests, Lakes, and Grasslands (FLAG) Forensic Anthropologists (Higgins Lake, MI)*
- T.P. Gocha**, A.M. Agnew – Osteon Population Density is Highest in the Anterolateral Femur of Humans: An Adaptation to Loading? *Poster presented at the 45th International Sun Valley Workshop on Musculoskeletal Biology (Sun Valley, ID)*
- T.P. Gocha**, A.M. Agnew – Regional Variation in Osteon Size at the Femoral Midshaft. *Poster presented at the 84th Annual Meeting of the American Association of Physical Anthropologists (St. Louis, MO)*
- 2014 **T.P. Gocha**, J.R. Goliath – Differential Decomposition of Human Remains in Central Ohio: A Case Study. *Podium presentation at the 21st Annual Meeting of the Midwest Bioarchaeology and Forensic Anthropology Association (Allendale, MI)*
- T.P. Gocha**, A.M. Agnew – Regional Variation in Osteon Population Density at the Femoral Midshaft – Implications for the Asymptote. *Poster presented at the 83rd Annual Meeting of the American Association of Physical Anthropologists (Calgary, CA)*
- T.P. Gocha**, A.M. Agnew – Mapping Spatial Patterns in Cortical Bone Histology from the Femoral Midshaft using Geographic Information Systems Software. *Poster presented at the 66th Annual Meeting of the American Academy of Forensic Sciences (Seattle, WA)*
- 2013 **T.P. Gocha**, M.E. Ingvaldstad, M-T.J. Cosgriff-Hernandez, A. Kolatorowicz, P. Sciulli – Testing the applicability of Macroscopic Skeletal Aging Techniques on a Modern Southeast Asian Sample. *Podium presentation at the 20th Annual Meeting of the Midwest Bioarchaeology & Forensic Anthropology Association (Columbus, OH)*
- T.P. Gocha**, V.M. Dominguez, A.M. Agnew – Human v. Non-human: An Anthropologist's Cross to Bear. *Poster presented at the 20th Annual Meeting of the Midwest Bioarchaeology & Forensic Anthropology Association (Columbus, OH)*
- 2012 M.E. Ingvaldstad, **T.P. Gocha**, M.C. Stewart, J.R. Goliath – A Method for Standardization of Anatomical Axes and ROIs in Femoral Thin Sections of Unknown Orientations. *Poster presented at the 64th Annual Meeting of the American Academy of Forensic Sciences (Atlanta, GA)*
- 2011 D. Rose, **T.P. Gocha**, A.M. Agnew, S.D. Stout – Defining patterns in human bone microstructure through the application of geographic information system (GIS) software. *Poster Presented at the 80th Annual Meeting of the American Association of Physical Anthropologists (Minneapolis, MN)*

Gocha – Curriculum Vitae

- 2009 **T.P. Gocha** and H. Schutkowski – The Rings of Fire: Tooth Cementum Annulation for Estimation of Age at Death in Cremated Remains. *Poster Presented at the 78th Annual Meeting of the American Association of Physical Anthropologists (Chicago, IL)*

INVITED LECTURES

- 2022 Invited lecture. *Human decomposition and anthropological taphonomy facilities*. Illinois College.
- 2021 Invited talk. *Anthropological mass fatality response involving thermally altered human remains*. Collin County Fire Investigator’s Association’s 9th Annual Forensic Fire Death Investigations Course.
- 2021 Invited lecture. *Operation Identification: A Holistic Anthropological Approach to the Humanitarian Crisis at the U.S./Mexico Border*. University of Nevada-Las Vegas
- 2021 Invited lecture. *Human decomposition and anthropological taphonomy facilities*. Illinois College.
- 2018 Plenary talk. Southwestern Association of Biological Anthropologists. *Operation Identification: A Holistic Anthropological Approach to the Humanitarian Crisis at the U.S./Mexico Border*. Las Vegas, NV.
- 2018 Invited talk. *Operation Identification: A Holistic Anthropological Approach to the Humanitarian Crisis at the U.S./Mexico Border*. UNLV, Department of Anthropology, Proseminar Series, Las Vegas, NV.
- 2017 Invited talk. Western Bioarchaeology Group Conference. *The Bodies of Deceased Migrants: Mortuary Practice as Evidence of Marginalization and Social Inequality*.
- 2016 Invited lecture. *Taphonomy in the Midwest: Case Studies from Ohio*. Forensic Taphonomy short course, Forensic Anthropology Center at Texas State University.
- 2016 Invited lecture. *Age Estimation in Forensic Anthropology*. The Ohio State University.
- 2015 Instructor. Forensic Aspects of Death. Ohio Peace officer Training Academy.
- 2014 Invited lecture. *Forensic Archaeology: Methods and Theory*. The Ohio State University.
- 2014 Instructor. Forensic Aspects of Death. Ohio Peace officer Training Academy.
- 2013 Invited lecture. *Tooth Cementum Annulations for Estimation of Age at Death*. The Ohio State University.
- 2012 Invited lecture. *The Dentition: Development, Histomorphology, and use in Bioarchaeology and Forensic Anthropology*. The Ohio State University.
- 2012 Instructor. Field school in Medieval Archaeology and Bioarchaeology. Pozzeveri, Italy.
- 2012 Instructor. Forensic Anthropology Field School. The Ohio State University.
- 2011 Instructor. Forensic Anthropology Field School. The Ohio State University.
- 2010 Instructor. Forensic Anthropology Field School. The Ohio State University.
- 2009 Instructor. Forensic Anthropology Field School. The Ohio State University.

FORENSIC ANTHROPOLOGY EXPERIENCE

- 2019-Present Texas: Consult with various law enforcement and medicolegal agencies across the state, assisting and directing field recovery, exhumation, and analysis of human skeletal remains, (~50 cases)
- 2017-2019 Nevada: Worked with the Clark County Office of the Coroner/Medical Examiner in Las Vegas, assisting and directing field recovery, skeletal analysis, and victim identification (~75 cases).
- 2016-2018 Texas: Consulted with various law enforcement and medicolegal agencies across the state, assisting and directing field recovery, exhumation, and analysis of human skeletal remains, (~150 cases)
- 2010 Hawaii & Vietnam: Forensic Science Academy Fellow at the Joint POW/MIA Accounting Command Central Identification Laboratory. Assisted with consult cases for local law enforcement on O’ahu (2 cases). One-month forensic archaeology field deployment to Yen Bai province Vietnam.

Gocha – Curriculum Vitae

2006-2016 Ohio: Consulted with various law enforcement agencies and Coroner’s Office around the state, assisting and directing field recovery, excavation, and analysis of human skeletal remains (~25 cases)

MASS FATALITY RESPONSE

2021	Texas Mass Fatality Operational Response Team (TMORT) deployment to the Nueces County Medical Examiner in response to surge in COVID-related deaths: Morgue operation assistance
2018	Camp Fire, northern California wildfire: Victim recovery assistance
2017	1 October shooting in Las Vegas, NV: Victim identification assistance
2016	Lockhart, TX hot air balloon crash: Victim identification assistance
2016-present	Migrant death crisis near the U.S./Mexico border: ongoing assistance in victim recovery, analysis, and identification.

TRIAL TESTIMONY & DEPOSITIONS

2015	Criminal Court Testimony. Homicide. <i>State of Ohio v. Quentin Robertson</i> . Case #14-CR-03352. Expert witness, trauma analysis. Court of the Common Pleas, Franklin County, Ohio.
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GRADUATE STUDENTS SUPERVISED

<i>PhD Candidates</i>	<i>Department</i>	<i>Role</i>	<i>Years</i>	<i>Outcome</i>
Justin Goldstein	TxSt Anthropology	Co-Chair	2019-Present	In Progress
Mariah Moe	TxSt Anthropology	Co-Chair	2019-Present	In Progress
Valentina Perrone	Northumbria Applied Sciences	Member	2021-Present	In Progress
 <i>MA Candidates</i>				
Victoria Soto	TxSt Anthropology	Member	2022-Present	In Progress
Ryen Weaver	GMU Forensic Science	Member	2020-2021	Completed
Mariah Moe	UNLV Anthropology	Chair	2017-2019	Completed

PROFESSIONAL SERVICE

2022-Present	<i>Forensic Sciences</i> : Peer Reviewer
2021	<i>Science</i> : Peer Reviewer
2020-Present	<i>Dental Anthropology Journal</i> : Peer Reviewer
2020-Present	Society of Forensic Anthropologists: Board Member & Treasurer
2020-Present	<i>Bioarchaeology International</i> : Peer Reviewer
2019-Present	American Academy of Forensic Sciences Standards Board, Anthropology Consensus Body: Member
2019-Present	<i>Journal of Forensic Sciences</i> : Peer Reviewer
2018-Present	Co-Organizer of the Mountain, Desert & Coastal (MD&C) Forensic Anthropologists Meeting
2018-Present	<i>International Journal of Paleopathology</i> : Peer Reviewer
2018-Present	<i>Anatomical Record</i> : Peer Reviewer
2017-Present	<i>Forensic Anthropology</i> [journal]: Peer Reviewer
2017-Present	<i>American Journal of Physical Anthropology</i> : Peer Reviewer

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PROFESSIONAL DEVELOPMENT

- 2022 Workshop, “Interdisciplinary Approaches to Age Estimation.” AAFS 74th Annual Scientific Meeting, Seattle, WA
- 2020 Workshop, “Working Toward a Wellness Mindset for Forensic and Investigative personnel: Addressing Stress and Trauma in the Workforce and Taking Steps to Change Agency and Professional Culture.” AAFS 72nd Annual Scientific Meeting, Anaheim, CA
- 2019 Workshop, “Adult Skeletal Age Estimation: Transition Analysis Using the Entire Skeleton.” AAFS 71st Annual Scientific Meeting, Baltimore, MD
Workshop, “Interpreting Blunt Force Injuries in Bone: A Hands-On Approach.” AAFS 71st Annual Scientific Meeting, Baltimore, MD
- 2018 Workshop, “Macromorphoscopic (MMS) Traits: Data Collection and Analysis.” AAFS 70th Annual Scientific Meeting, Seattle, WA
- 2015 Short Course, “Forensic Anthropology Short Course in Traumatized Bone.” Mercyhurst University

PROFESSIONAL AFFILIATIONS

- American Academy of Forensic Sciences, Fellow
American Association of Physical Anthropologists, Member
National Speleological Society, Member
Society of Forensic Anthropologists, Member