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**LAURA C. FULGINITI**

**Forensic Anthropologist**

Forensic Science Center, 701 West Jefferson Avenue, Phoenix, AZ 85007

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**EDUCATION:**

The Colorado College, B.A. (Anthropology)	1985
The University of Arizona, M.A. (Anthropology)	1988
The University of Arizona, Ph.D. (Anthropology)	1993

**CERTIFICATION:**

Certificate in Forensic Anthropology, University of Arizona	1988
Diplomate, American Board of Forensic Anthropology	2003

**PROFESSIONAL EMPLOYMENT:**

Forensic Anthropologist, Maricopa County Office of the Medical Examiner	1992-present
Forensic Anthropologist, Pinal County Office of the Medical Examiner	2017- 2023
Forensic Anthropologist, Yavapai County OME (gap from ~2013-2018)	1992- 2021
Forensic Anthropologist, King County Office of the Medical Examiner	2019-2022

**EXPERT OPINION:**

Qualified in Federal Court, NV, CA, AK  
Qualified in AZ, CA, WA State/District Court

**ACADEMIC EMPLOYMENT:**

Adjunct Professor, Arizona State University	2005-present
Clinical Associate Professor, University of Arizona College of Medicine	2010-present
Visiting Professor, Northern Arizona University	2005
Visiting Professor, The Colorado College	1990-2004

Research Assistant, The University of Arizona	1986-1993
Teaching Assistant, The University of Arizona College of Medicine	1989-1990

**PROFESSIONAL SERVICE—ORGANIZATIONS:**

American Academy of Forensic Sciences	
Student Affiliate, Member, Fellow	1987- present
Past President	2023-2024
President	2022-2023
President-Elect	2021-2022
Vice President	2020-2021
Treasurer	2019-2020
Vice-President	2018-2019
Board of Directors, Executive Committee	2014-present
Board of Directors, Anthropology Section Representative	2013-2018
Annual Meeting, Ad-hoc membership committee, Chair	2018-present
Annual Meeting, Ad-hoc CFSO AAFS priorities committee	2018-present
Annual Meeting, Breakfast Session, Chair	2017
Annual Meeting, Breakfast Session, Co-Chair	2016
Annual Meeting, Poster Chair	2015
Annual Meeting, Program Chair	2013
Annual Meeting, Co-Program Chair	2012
Annual Meeting, Chair, Interdisciplinary Session	2011
Annual Meeting, Chair, Physical Anthropology Section	2009
Annual Meeting, Secretary, Physical Anthropology Section	2008
Annual Meeting, Program Chair, Physical Anthropology Section	2007
Ethics Committee, Member-at-Large	2007-2008
Forensic Science Foundation Board of Trustees	2016-present
Chair, Research Awards Committee	2016-present
American Board of Forensic Anthropology, Diplomate	2003- present
Board of Directors	2010-2016
International Association for Identification, Member	Late 90s-present
Tempe Police Department, Cookie Jacobson Investigation,	10/1998-01/1999
Butterfield Landfill, Consultant	
NDMS-Disaster Mortuary Operational Response Team	1997-present
Sigma Xi	1994-present
American Association for the Advancement of Science	1993-1995

Kenyon International Disaster Services, Consultant	1998-2005
American Association of Physical Anthropologists	1989-present
Jeffrey T. Fulginiti Memorial Fund Board, Chair	1984-present

**PROFESSIONAL SERVICE—MASS FATALITY RESPONSE:**

Forensic Science Center, Phoenix, AZ, Yarnell Firefighters ID Team – Dental/Anthropology/ID Liaison	2013
DHS, D-MORT, St. Gabriel, LA, Response to Hurricanes Katrina and Rita Acting Deputy Commander, Forensic Anthropology, Search and Recovery	2005
NDMS, D-MORT, Somerset, PA, Response to Terrorist Attack Forensic Anthropology, DNA	2001
NDMS, D-MORT, Walker County, GA Anthropology/Family Liaison assigned to FAC for Cremains Initial Survey	2002
NDMS, D-MORT-9, Port Hueneme, CA, Response to Alaska Airlines #261 Accident Anthropology Lead/Coroner Liaison	2000
NDMS, DMORT, KAL Flight 201 Response to Accident Search and Recovery, Forensic Anthropology	1997
El Paso County Coroner’s Office, United Flight #585 Accident, Colorado Springs, CO Search and Recovery, Forensic Anthropology	1991

**HONORS AND AWARDS:**

Kenneth S. Field Award of Appreciation (AAFS)	2023
AAFS Young Forensic Scientists Forum Founders Award	2022
AAFS Anthropology Outstanding Mentor Award	2021
American Academy of Forensic Sciences Service Awards,	2010-2020
Maricopa County Office of the Medical Examiner Peak Performer Awards	2010-2011
Maricopa County Sheriff’s Office Certificate of Appreciation, Phoenix, AZ	2008
Unidentified Persons Bureau, award for website, NaCO, Phoenix, AZ	2007
Volunteer of the Year, NDMS-DMORT-9, Dallas, Texas	2001
Honored by Phoenix and Tempe Police Departments and City Councils, Homicide Investigations at Butterfield Landfill	1996, 1999
Award for Meritorious Performance in Teaching, The University of Arizona Foundation	1991

J. Lawrence Angel Forensic Anthropology Student Paper Award,  
American Academy of Forensic Sciences

1988

## **RESEARCH GRANTS**

A Skeletal Atlas of Elder Abuse: Establishing Markers of Physical Abuse and  
Developing a Digital Diagnostic Tool for Education and Screening, Co-Principal  
Investigator 2021-2025

National Institute of Justice Grant 2019-Research and Development in Forensic Science for  
Criminal Justice Purposes, DU-BX-0044  
DNA from Burned Bone, Co-Principal Investigator 2020-2022

National Institute of Justice Grant 2018-Research and Development in Forensic Science  
For Criminal Justice Purposes 2018-2020  
DNA from Degraded Bone, Co-Principal Investigator

National Institute of Justice Grant 2016-DN-BX-0158 2016-2018  
DNA From Burned Bone, Co-Principal Investigator

National Institute of Justice Grant 2010-DN-BX-K233 2010  
Using DNA Technology to Identify the Missing, Co-Principal Investigator

National Institute of Justice Grant 2009-DN-BX-K163 2009

## **SELECT PUBLICATIONS:**

Fulginiti LC Presidential Editorial: Standing up for Forensic Science. Journal of Forensic  
Sciences Vol 68, Issue 1 2023.

Seidel AC, LC Fulginiti The Ceremonial Use of Human Remains: Palo Monte in Maricopa County, Arizona. Proceedings of the American Academy of Forensic Sciences 2023.

K Bolhofner, LC Fulginiti, J Buikstra Establishing a Skeletal Atlas of Elder Abuse: An Expanded Study of Fracture Patterns in Documented Cases. Proceedings of the American Academy of Forensic Sciences 2023.

Z Bhaloo, E Rue, LC Fulginiti, BL Garrett, D Gemmellaro, C Hunter, G Lakowski, HC Lee, BW Kammrath, BK Logan, EM Pagliaro, C Polston, D Rich, CW Scott, DE Shelton, DM Vastrick, CK Williams, E Worrell, C Word, P Yount. Education, Training and Experience: The Ingredients to Make Science Work (Young Forensic Scientists Forum). Proceedings of the American Academy of Forensic Sciences 2023

Rawls, E, A Coffman, C Parker, LC Fulginiti, AC Stone, M Emery, J Buikstra, A Wissler, R Oldt, S Kanthaswamy, S Winingear Maximum DNA Recovery from Cold Case Victims Using Ancient and Forensic DNA Extraction Methods. Proceedings of the American Academy of Forensic Sciences 2023

C Parker, E Rawls, A Coffman, K Bolhofner, LC Fulginiti, G Vidoli, J Devlin, R Oldt, S Kanthaswamy, AC Stone The Application of Ancient DNA Methodologies to Badly Burned Forensic Samples and their Potential to Aid in the Identification and Analysis of Difficult Samples. Proceedings of the American Academy of Forensic Science 2023.

Fulginiti LC, American Academy of Forensic Sciences Presidential Address. International Society of Applied Biological Sciences 2022.

Fulginiti LC, Collaboration to Effect Identification for Unknown Individuals Recovered from a Forensic Context. International Society of Applied Biological Sciences Conference 2022.

Fulginiti LC, Michalicek ZD, Seidel AC, Bolhofner KL, and CL Cross, Disseminated *Coccidioidomycosis* in the Human Skeleton. Proceedings of the American Academy of Forensic Sciences Annual Meeting 2022.

Fulginiti LC, Seidel AC, and KL Bolhofner, Fusion and Fracture: Forensic Implications of the Hyoid Bone. Proceedings of the American Academy of Forensic Sciences Annual Meeting 2021.

Fulginiti LC 2020. Commentary on: LaGoy A, Evangelou EA, Somogyi T, DiGangi EA. Recommended practices for macerating human thyroid cartilage. *J Forensic Sci* 2020;65(4):1266–73. <https://doi.org/10.1111/1556-2020>.

Fulginiti LC, Hartnett-McCann KL, and FL Di Modica, Sealed for Your Protection: A Triple Homicide Involving the Use of a Corrosive Agent to Obscure Identity in H Garvin and N Langley, Case Studies in Forensic Anthropology: Bonified Skeletons, Routledge 2019,

Fulginiti LC, Seidel AC, and KL Bolhofner, To Understand the Parts, it is Necessary to Understand the Whole: The Importance of Contextualizing Patterns in Forensic Anthropology Casework in H Garvin and N Langley, Case Studies in Forensic Anthropology: Bonified Skeletons, first edition, Routledge 2019.

Fulginiti LC, Hartnett-McCann KM, and A Galloway, Forensic Anthropology and the United States Judicial System, Forensic Science in Focus Series, Wiley. 2019.

Stone, A.C. et al. Dining with DNA, Breakfast Seminar, American Academy of Forensic Sciences Annual Meeting. Baltimore, MD 2019.

Bolhofner KL, Emery MV, Buikstra JE, Fulginiti, LC and A.C. Stone, Best Practice Procedures for Sampling Differentially Burned Bone for Successful DNA Recovery, American Academy of Forensic Sciences Annual Meeting, Baltimore, MD 2019.

Seidel AC, Stojanowski CM, Fulginiti LC and KM Hartnett-McCann Topographic Analyses and the Estimation of Age from the Pubic Symphysis. American Academy of Forensic Sciences Annual Meeting, Baltimore, MD 2019.

Emery, M.V., Bolhofner, K.L., Buikstra, J.E., Fulginiti, L.C., Stone, A.C. Ancient DNA Applications to Forensic Science: Extracting Usable Profiles from Degraded and Burned Bone. Guest presentation at the Federal Bureau of Investigation (FBI), Quantico VA, 2019.

Bolhofner KL, Fulginiti LC. Toward a Skeletal Atlas of Elder Abuse: A Pilot Study of Fracture Patterns in Documented Cases. Proceedings of the Annual Meeting of the American Academy of Forensic Sciences 2018.

Seidel AC, Fulginiti LC. Radiographic Image Analysis and the Estimation of Age at Death in Adult Males. Proceedings of the Annual Meeting of the American Academy of Forensic Sciences 2018.

Hartnett-McCann KM, Fulginiti LC, Seidel AC. Adult Age-at-Death Estimation in Unknown Decedents: New Perspectives on an Old Problem. In: Bartelink, editor. New Perspectives in Forensic Human Skeletal Identification. Elsevier, 2017.

Fulginiti LC, Bolhofner KL. Forensic Anthropology. In: Moenssens, A.A., Starrs, J.E., Henderson, C.E., and F.E. Inbau, editors. Scientific Evidence in Civil and Criminal Cases, 7<sup>th</sup> Edition. Foundation Press, 2017.

Fleischman JM, Kendell AE, Eggers CC, Fulginiti LC. Undocumented Border Crosser Deaths in Arizona: Expanding Intrastate Collaborative Efforts in Identification. J Forensic Sci 2017 DOI: 10.1111/1556-4029.13368.

Fulginiti LC. Standing on the Shoulders of Giants: The Evolving Legacy of Walter H. Birkby, PhD. Proceedings of the American Academy of Forensic Sciences 2017.

Love JC, Fulginiti LC. The Evolution of Forensic Anthropology and the Influence of Court Rulings, Legislative Actions, and Social Trends. Proceedings of the American Academy of Forensic Sciences 2017.

Bolhofner KL, Fulginiti LC. Sex-Specific Patterns of Ossification in Macerated Thyroid Cartilages. Proceedings of the American Academy of Forensic Sciences 2017.

Fulginiti LC, Bolhofner KL, Piakis JA. When the Hammer Falls: Patterned Injury Comparison in a Blunt Force Homicide. Proceedings of the American Academy of Forensic Sciences 2017.

Fulginiti LC, Morrow III G, Lightner ES. Vincent A. Fulginiti, MD (1931-2013): A Visionary Leader in Pediatric Education, Research, and Bioethics. Adv Pediatr. 2016 Aug;63(1):1-13.

Stojanowski CM, Seidel AC, Fulginiti LC, Johnson KM, and JE Buikstra. Contesting the massacre at Nataruk. *Nature* 539: E8-10 2016.

Seidel AC, Fulginiti LC. An Assessment of Sexual Dimorphism in the Sternal Fourth Rib: A 2D Morphometric Approach. Proceedings of the American Academy of Forensic Sciences 2016.

Bolhofner KL, Fulginiti LC. Patterns of Ossification in Macerated Thyroid Cartilages: Implications for Age and Sex Determination. Proceedings of the American Academy of Forensic Sciences 2016.

Kendell AE, JM Fleischman, LC Fulginiti, Traumatic Injury Pattern Analysis in a Light Rail Transit Death: A Retrospective Case Study. J Forensic Sci 2015 60(3):764-769.

Seidel AC, Fulginiti LC, Hartnett-McCann KM. Plaque and Projections: Assessing the Utility of Morphological Variants of the Sternal Fourth Rib for the Estimation of Sex and Age-at-Death. Proceedings of the American Academy of Forensic Sciences 2015.

Seidel AC, Fulginiti LC. The First Cut is the Deepest: Looking for Patterns in Cases of Human Dismemberment. In: Martin DL, Anderson CP, editors. Bioarchaeological and Forensic Perspectives on Violence. Cambridge, Cambridge University Press 2014;63-82.

Fulginiti LC. Review of: Forensic Approaches to Buried Remains. J of Forensic Sci 2014 59:(4) 1169.

Seidel AC, Fulginiti LC. Making the Cut: Patterns of Association Between Victims, Suspects, and Body Treatment in Postmortem Dismemberment Cases. Proceedings of the American Academy of Forensic Sciences 2014.

Piakis JA, Fulginiti LC. Case of Mistaken Identity Shatters Families. Proceedings of the American Academy of Forensic Sciences 2014.

Fleischman JM, Kendell AE, Fulginiti LC. Pedestrian-Motor Vehicle Accident Trauma: Pattern Interpretation and the Promotion of a Multidisciplinary Approach. Proceedings of the American Academy of Forensic Sciences 2014.

Fulginiti LC, Piakis JA, Eggers CE. Disinternments in the Desert: A Comprehensive Project to Identify the Missing and Unidentified Persons in Maricopa County, Arizona. Proceedings of the American Academy of Forensic Sciences 2013.

Fulginiti LC, Villa JC. The Birds and the Bones: Differential Avian Scavenging Patterns in Determination of Postmortem Interval. Proceedings of the American Academy of Forensic Sciences 2013.

Hartnett KM, Fulginiti LC, Di Modica F. The Effects of Corrosive Substances on Human Bone, Teeth, Hair, Nails, and Soft Tissue. J of Forensic Sci 2011 56:(4) 954-959.



Fleischman JM, Fulginiti LC, Johnston JS. Callus Treatment: Collaboration Between Forensic Anthropology and Forensic Pathology to Improve the Recognition and Elucidation of Skeletal Fractures in Infants and Children. Proceedings of the American Academy of Forensic Sciences 2009.

Fulginiti LC, Di Modica F, Hartnett-McCann KM, Karluk D. Sealed For Your Protection II: The Effects of Corrosive Substances on Human Bone and Tissue. Proceedings of the American Academy of Forensic Sciences 2009.

Austin D, Fulginiti LC. The Forensic Anthropology Laboratory in a Medical Examiner Setting. In: Warren MW, Walsh-Haney HA, Freas LE, editors. The Forensic Anthropology Laboratory. Boca Raton: CRC Press, 2008;23-46.

Steadman DW, Sperry K, Snow F, Fulginiti LC, Craig E. Anthropological Investigations of the Tri-State Crematorium Incident. In: Adams BJ, Byrd JE, editors. Recovery, Analysis and Identification of Commingled Human Remains. Totowa: Humana Press, 2008;81-96.

Fulginiti LC. Fatal footsteps: Murder of undocumented border crossers in Maricopa County, Arizona. J. Forensic Sci 2008 53:(1)41-45.

Fulginiti LC, Hartnett-McCann KM, Di Modica F, Karluk D. Sealed for Your Protection, Part I: The Effects of an Unknown Corrosive Agent on Human Bone. Proceedings of the American Academy of Forensic Anthropology 2008.

Sledzik PS, Warren MW, Fenton TW, Byrd JE, Crowder C, Dirkmaat DC, Fulginiti LC, Galloway A, Finnegan M, Hartnett-McCann KM, Marks MK, Holland TD, Ousley SD, Rogers T, Sauer N, Simmons T, Symes SA, Ubelaker DH. The Fourth Era of Forensic Anthropology: Examining the Future of the Discipline. Proceedings of the American Academy of Forensic Sciences 2007.

Fulginiti LC, Warren MW, Hefner JT, Bedore LR, Byrd JH, Stefan VH. Physical Anthropology Responds to Hurricane Katrina. Proceedings of the American Academy of Forensic Anthropology 2006.

Fulginiti LC, Hartnett-McCann KM, Horn KD, Kohlmeier RE. Of Butterflies and Spirals: Interpretation of Fractures in Motor Vehicle vs. Pedestrian Accidents. Proceedings of the American Academy of Forensic Sciences 2006.

Fulginiti LC, Hartnett-McCann KM, Keen PE. A Tale of Two Bodies: Separating Commingled Skeletal Remains with Similar Biological Profiles. Proceedings of the American Academy of Forensic Sciences 2005.

Fulginiti LC, Mosley AL, Shvarts V, Hu JX, Horn KD, Keen PE, Hsu RM. Fatal Footsteps: The Murder of Undocumented Border Crossers in Maricopa County, Arizona. Proceedings of the American Academy of Forensic Anthropology 2004.

Hartnett-McCann KM, Fulginiti LC. Osseous Traumata Caused by a Fall From a Height: A Case Study. Proceedings of the American Academy of Forensic Sciences 2004.

London MR, Mulhern DM, Barbian L, Sledzik PS, Dirkmaat DC, Fulginiti LC, Hefner JT, Sauer N. Roles of the Biological Anthropologist in the Response to the Crash of United Airlines Flight 93. Proceedings of the American Academy of Forensic Sciences 2003.

Fulginiti LC, Bucholtz AL, Mosley AL. Overkill: Atypical Intersecting Fractures in a Skull. Proceedings of the American Academy of Forensic Sciences 2001.

Fulginiti LC, Bucholtz AL. Savagery in the Sewer: Analysis of Fatal Trauma in Two Children. Proceedings of the American Academy of Forensic Sciences 2001.

Fulginiti LC. Down in the dumps: search and recovery in the landfill (times two). Proceedings of the American Academy of Forensic Sciences 2000.

Fulginiti, LC, Czuzak MH, Taylor KM. Scatter versus impact during aircraft crashes: implications for forensic anthropologist. In Galloway A (ed), Broken Bones: Anthropological Approaches to Blunt Force Traumata. Springfield: Charles C Thomas. 1999:322-330.

Fulginiti LC, Hodges CH. Faces from the Canyon: Jane and Baby Doe Revealed. Proceedings of the American Academy of Forensic Sciences 1999.

Fulginiti LC, Piakis, JA, Ciaccio FA. Murder under the interstate. Proceedings of the American Academy of Forensic Sciences 1998.

Fulginiti LC, Taylor KM. Pubic symphysis takes a ribbing II. Proceedings of the American Academy of Forensic Sciences 1996.

Fulginiti LC, Taylor KM, Czuzak MH. Pubic symphysis takes a ribbing: Comparison of age determination techniques in five forensic cases. Proceedings of the American Academy of Forensic Sciences 1995.

Fulginiti, LC and Kahana TL. Human remains case report in Days in the Painted Desert and the Petrified Forests of Northern Arizona: Contributions to the Archeology of Petrified Forest

National Park 1988-1992. Jeffery F. Burton. Publications in Anthropology ,62. Tucson, Arizona: Western Archeological and Conservation Center. 1993.

Fulginiti LC. Discontinuous morphological variation at Grasshopper Pueblo, Arizona [dissertation]. The University of Arizona, 1993.

Fulginiti LC, Birkby WH, Kahana, TL. Osteological analysis for The Rye Creek Project: Archaeology in the Upper Tonto Basin Volume 3: Synthesis and Conclusions Mark D. Elson Douglas B. Craig Center for Desert Archaeology Anthropological Papers No. 11 1992.

Fulginiti LC, Kahana TL, Fox, S. Crime scene involvement by the forensic anthropologist. Proceedings of the American Academy of Forensic Sciences 1991

Galloway, A., Birkby, W. H., Kahana, T., and Fulginiti, L. Physical anthropology and the law: legal responsibilities of forensic anthropologists. Yearbook of Phys Anthro, 1990 33:39–57.

Fox S, Fulginiti LC, Kahana TL. Reported vs actual weight in older populations. Proceedings of the American Academy of Forensic Sciences 1989.

## **PROFESSIONAL INSTRUCTION:**

Surface Skeleton and Buried Body Recovery Seminars (Co-Instructor: Det. Frank Di Modica)

Yavapai County Sheriff's Office, Prescott, AZ	2007-2022
Peoria Police Department, Peoria, AZ	1998-2023
Pinal County Attorney's Office, Casa Grande, AZ	2015
Goodyear Police Department, Goodyear, AZ	2008
Tucson Police Department, Tucson, AZ	2006
Mohave County Sheriff's Office, Kingman, AZ	2002-2006
Maricopa County Sheriff's Office, Phoenix, AZ	1999-2006
Arizona Identification Council, Phoenix, AZ	2005
Cook County Coroner's Office, Las Vegas, NV	2004
Northern Arizona Regional Training Academy, Prescott Valley, AZ	2001-2004
Las Vegas Metropolitan Police Department, Las Vegas, NV	2003
Yuma County S.O. and Yuma P.D., Yuma, AZ	2001
Arizona Homicide Investigators Association, Payson, AZ	2000
Mesa Police Department, Mesa, AZ	2000
FLETC-NPS, GA	1998

Scottsdale Police Department, Scottsdale, AZ	1997
United States Park Service, Grand Canyon, AZ	1997
Arizona Identification Council, Phoenix, AZ	1997

## INVITED LECTURES:

North American Forensic Entomology Society <i>“Challenges in a desert-based forensic science practice”</i>	June 2023
WRDA Annual Conference <i>Bones, Bitemarks, and Bodies</i>	April 2022
Tempe Police Department <i>Office of the Medical Examiner/Forensic Anthropology</i>	October 2019
Arizona State University Forensic Science Department <i>Forensic Anthropology</i>	March 2019
Arizona Homicide Investigator’s forty hour course <i>Forensic Anthropology and Mass Fatality</i>	May 2018
Phoenix Children’s Hospital, Child Maltreatment Seminar <i>The role of Forensic Anthropology in child death investigations</i>	April 2018
University of Arizona College of Medicine, Academic Excellence Day <i>Poster Judge</i>	April 2018
Arizona Homicide Investigator’s forty hour course <i>Mass Fatality Response in US</i>	October 2016
University of Arizona, Forensic Anthropology Course <i>Forensic Anthropology/Mass Fatality</i>	March 2016
Arizona State University, Forensic Anthropology Course <i>Forensic Anthropology/Mass Fatality</i>	February 2016
Mesa Community College, Anthropology Club <i>Forensic Anthropology</i>	February 2016
Arizona Homicide Investigator’s Regional Conference <i>Forensic Anthropology</i>	April 2015
Western Regional Dental Convention <i>Forensic Anthropology</i>	March 2015
Rio Salado School of Dental Hygiene, Phoenix, AZ <i>Forensic Anthropology</i>	January 2015
Rio Salado School of Dental Hygiene, Phoenix, AZ <i>Forensic Anthropology</i>	November 2013

Arizona Society of Histotechnologists, Annual Meeting, Phoenix, AZ <i>Forensic Anthropology</i>	May 2013
Arizona State University Criminal Justice Program, Phoenix, AZ <i>The Real CSI</i>	November 2012
Rio Salado School of Dental Hygiene, Phoenix, AZ <i>Forensic Anthropology</i>	November 2012
Rio Salado School of Dental Hygiene, Phoenix, AZ <i>Forensic Anthropology</i>	November 2011
Rio Salado School of Dental Hygiene, Phoenix, AZ <i>Forensic Anthropology</i>	November 2010
Arizona Black Law Enforcement Organization, Phoenix, AZ <i>Medical Examiner and Forensic Anthropology</i>	September 2010
AFIP – Dental short course, Scottsdale, AZ <i>Forensic Anthropology</i>	May 2010
ASU Law School, Fact Finding Seminar, Tempe, AZ <i>Expert Witness</i>	April 2010
Western Regional Dental Convention, Phoenix, AZ <i>Forensic Anthropology</i>	March 2010
Mesa Community College Forensic Club, Mesa, AZ <i>Forensic Anthropology Basics</i>	November 2009
Rio Salado School of Dental Hygiene, Phoenix, AZ <i>Forensic Anthropology Basics</i>	November 2009
Phoenix College Center for Continuing Dental Education, Phoenix, AZ <i>Bones, Bitemarks and Body Identification</i>	September 2009
Arizona State College of Law, Fact Finding Seminar, Tempe, AZ <i>How to depose expert witnesses</i>	April 2009
AACA, Holiday Luncheon, Arizona Club, Phoenix, AZ <i>Keynote</i>	2008
AHIA, Basic Homicide Course, Albuquerque, NM <i>Forensic Anthropology.</i>	October 2008
RMIN, Basic Homicide Course, Las Vegas, NV <i>Forensic Anthropology.</i>	August 2008
National Society for Histotechnology, Phoenix, AZ <i>Forensic Anthropology.</i>	June 2008
Arizona State University SHESC, Tempe, AZ <i>Introduction to Forensic Anthropology.</i>	April 2008
Radiographic Association, Yuma, Arizona <i>Radiography in Forensic Sciences.</i>	April 2008
Romance Writers of America Annual Conference, Chandler, AZ <i>Forensic Anthropology.</i>	April 2008
Arizona State University College of Law, Tempe, AZ	March 2008

<i>Forensic Anthropology and Expert Witness</i>	
Arizona Homicide Investigators Association, Phoenix, AZ	February 2008
<i>Basic 40 hour Homicide Course</i>	
Radiographic Association, Yuma, Arizona	November 2007
<i>Radiography in Forensic Sciences</i>	
Colorado Association of Evidence Technicians, Glenwood Springs, CO	October 2007
<i>Forensic Anthropology</i>	
Arizona State University College of Law, Tempe, AZ	April 2007
<i>Forensic Anthropology and Expert Witness.</i>	
Center for Health Professionals, Phoenix College, Phoenix, AZ	October 2006
<i>Forensic Anthropology.</i>	
Mountain, Desert and Coastal Forensic Anthropologists, Boulder City, NV	June 2006
<i>In Honor of Dr. Walter Birkby.</i>	
Mesa Community College, Mesa, AZ	April 2006
<i>Forensic Anthropology.</i>	
Arizona Funeral Director's Association, Phoenix, AZ	April 2006
<i>Forensic Anthropology.</i>	
Armed Forces Institute of Pathology, NTSB Academy, Ashburn, VA	June 2005
<i>Forensic Anthropology Course.</i>	
Center for Health Professions, Phoenix College, Phoenix, AZ	April 2005
<i>Forensic Anthropology.</i>	
Mortuary Sciences Division, Maricopa Community College, Chandler, AZ	April 2005
<i>Forensic Anthropology.</i>	
Arizona Homicide Investigators Association, Snowflake, AZ	August 2004
<i>Forensic Anthropology.</i>	
Arizona Society of Histotechnologists, Annual Meeting, Phoenix, AZ	June 2004
<i>Forensic Anthropology.</i>	
Forensic Science Center, Interesting Case/Pending Conference, Phoenix, AZ	April 2004
<i>Forensic Anthropology.</i>	
National Park Service, Grand Canyon National Park, Valle, AZ	February 2004
<i>Scene Recovery.</i>	
Maricopa County Sheriff's Office, Phoenix, AZ	September 2002
<i>Medical Legal Investigation of Death Seminar.</i>	
Phoenix Community College	October 2001
<i>Child Abuse Seminar.</i>	
Forensic Medical Investigation Course, Wichita, KS	April 2001
<i>Forensic Anthropology.</i>	
Phoenix Community College, Phoenix, AZ	March 2001
<i>Child Abuse Seminar.</i>	
Forensic Medical Investigation Course, Phoenix, Arizona	November 1999

<i>Forensic Anthropology.</i>	
National Park Service, Grand Canyon, AZ	October 1999
Co-Instructor, <i>Basic Death Scene Investigation.</i>	
Arizona Technical Working Group on DNA Analysis Methods, Mesa, AZ	October 1999
<i>Forensic Anthropology</i>	
International Homicide Investigation Seminar, Hocking College, Columbus, OH	August 1999
<i>Forensic Anthropology.</i>	
International Association of Forensic Nurses, Phoenix, AZ	August 1999
<i>Forensic Anthropology.</i>	
Forensic Medical Investigation Course, Phoenix, AZ	June 1999
<i>Forensic Anthropology.</i>	
Forensic Medical Investigation Course, Maui, Hawaii	June 1999
<i>Forensic Anthropology.</i>	
National Park Service, Grand Canyon, AZ	May 1999
Co-Instructor, <i>Basic Death Scene Investigation.</i>	
Forensic Medical Investigation Course, Phoenix, AZ	March 1999
<i>Forensic Anthropology.</i>	
International Homicide Investigation Seminar, Hocking College	November 1998
<i>Forensic Anthropology</i>	
Arizona Homicide Investigators Association	July 1998
<i>Gunshot Wound Seminar</i>	
Forensic Medical Investigation Course, Phoenix, AZ	02,06,11/1997-1998
<i>Forensic Anthropology.</i>	
Law Enforcement Seminar, Glendale Community College, Glendale, AZ	November 1997
<i>Forensic Anthropology</i>	
Arizona Homicide Investigator's Association	October 1997
<i>Homicide Investigation Training Exercise.</i>	
Arizona State Bar, Criminal Justice Division, Phoenix, AZ	December 1996
<i>Forensic Anthropology.</i>	
Seminar in Medical Investigation for Homicide Detectives	November 1996
<i>Buried and Surface Skeleton Recovery.</i>	
Forensic Medical Investigation Course, Phoenix, AZ	October 1996
<i>Forensic Anthropology.</i>	
Mortuary Science Program, Mesa Community College, Mesa, AZ	October 1996
<i>Continuing Education Seminar.</i>	
United States Indian Police Training Center	September 1996
Division of Law Enforcement Services.	
Arizona Identification Council Annual Meeting, Phoenix, AZ	June 1996
<i>Body Recovery Techniques.</i>	
Forensic Medical Investigation Course, Phoenix, AZ	June 1996

<i>Forensic Anthropology.</i>	
Mesa Police Department Identification Services, Mesa, AZ <i>Buried Body Recovery.</i>	December 1995
Arizona Homicide Investigator's Association <i>Homicide Investigation Training Exercise.</i>	October 1995
Arizona Homicide Investigator's Association <i>Homicide Investigation Training Exercise.</i>	July 1995
Arizona Homicide Investigator's Association <i>Homicide Investigation Training Exercise.</i>	May 1995
Arizona Homicide Investigator's Association <i>Homicide Investigation Training Exercise.</i>	September 1992
Arizona Homicide Investigator's Association <i>Homicide Investigation Training Exercise.</i>	August 1990
Arizona Law Enforcement Training Academy (ALETA), Tucson, AZ <i>Homicide Investigation Training Exercise.</i>	May 1989

#### **INVITED LECTURES—MASS FATALITY:**

Forensic Science Center, Phoenix, AZ <i>Ongoing Preparedness Drills</i>	2012-2022
Forensic Science Center, Phoenix, AZ <i>Surge Morgue Build Team Exercise</i>	October 2019
Forensic Science Center, Phoenix, AZ <i>Surge Morgue Build Team Exercise.</i>	November 2013
Forensic Science Center, Phoenix, AZ <i>Mass Fatality Call Down Drill</i> <i>Mass Fatality Table Top Drill</i>	January 2013
Forensic Science Center, Phoenix, AZ <i>Mass Fatality Drill</i>	November 2007
DHS, DMORT-9 Regional Training, Post-Bomb Blast Recovery, Riverside, CA <i>Search and Recovery Field Exercise.</i>	May 2005
Mercyhurst College, Post-Bomb Blast Recovery, Erie, PA <i>Morgue Operations.</i>	July 2004
NDMS Annual Conference, Dallas, TX <i>Forensic Anthropology in a Mass Fatality Event</i>	April 2004



Children’s Hospital, Pediatricians, Phoenix, AZ <i>The Role of the Federal Government in a Smallpox Epidemic</i>	2003
Veteran’s Hospital, Pediatricians, Phoenix, AZ <i>The Role of the Federal Government in a Smallpox Epidemic</i>	2003
NDMS, D-MORT-9 Regional Training Exercise, Laughlin, NV <i>Forensic Anthropology.</i>	August 2001
National Institutes of Justice, Technical Working Group Contributor, Mass Fatalities Response Booklet.	June 2001
Armed Forces DNA Identification Laboratory, Baltimore, MD <i>DNA Core Group Training.</i>	June 2001
NDMS, D-MORT, Seminar on Disaster Preparedness, Maui, Hawaii <i>Forensic Anthropology</i>	February 1998
Disaster Training, NDMS, Emmitsburg, VA,	September/October 1999

**INVITED LECTURES—COMMUNITY ENGAGEMENT:**

University of Tennessee Forensic Club <i>Careers in Forensic Anthropology</i>	November, 2020
Desert Vista High School Forensic Club <i>Introduction to Forensic Anthropology</i>	November, 2020
Forensic Talks, On-line, Host Eugene Liscio,, Toronto, Canada <i>Forensic Anthropology: Background and Experiences</i>	October 2020
Fountain Hills Middle School, Fountain Hills, AZ <i>Forensic Anthropology for Younger People</i>	February 2019
Arizona Board of Liquor Licensing, Phoenix, AZ <i>Forensic Anthropology.</i>	October 2011
Mountain View High School, Scottsdale, AZ <i>Forensic Anthropology.</i>	May 2009
MENSA, Phoenix, AZ <i>Forensic Anthropology.</i>	October 2008
Arizona Science Center Parents Night Out, Phoenix, AZ <i>Forensic Anthropology</i>	May 2007
Tolleson School District Career Day, Tolleson, AZ <i>Forensic Anthropology.</i>	March 2007
Grand Canyon University Career Day, Phoenix, AZ <i>Forensic Anthropology.</i>	November 2006
Dobson Ranch Kiwanis, Mesa, AZ <i>Forensic Anthropology</i>	August 2006
Sisters in Crime Mystery Writers, Scottsdale, Arizona	May 2006

*Forensic Anthropology.*  
Fountain Hills Rotary, Fountain Hills Community Center, Fountain Hills, AZ 2006  
*The Adventures of a Traveling Forensic Anthropologist.*  
Pima County Medical Society, Tucson, AZ 2006  
*The Adventures of a Peripatetic Forensic Anthropologist*  
Altadena Middle School, Phoenix, AZ December 2005  
*Forensic Anthropology.*  
Lowell Elementary School, Mesa, AZ April 2005  
*Forensic Anthropology.*  
Foothills Forum, Tucson, AZ November 2004  
*Forensic Anthropology*  
Grand Canyon University Career Day, Phoenix, AZ November 2004  
*Forensic Anthropology.*  
Mended Hearts Incorporated, American Heart Association March 2004  
*Forensic Anthropology.*  
Math/Science Division, Scottsdale Community College, Scottsdale, AZ February 2004  
*Murder and Mayhem.*  
Arizona Science Center, Director's Circle Lecturer September 2002  
*Forensic Anthropology and Mass Fatality Response.*  
Mended Hearts Incorporated, American Heart Association January 2002  
*Forensic Anthropology.*  
Northern Arizona University, Department of Anthropology December 2001  
*Keynote Speaker, Colloquium.*  
Phoenix Community College, Phoenix, AZ October 2001  
*Child Abuse Seminar.*  
Wine, Women and Politics Scottsdale, AZ January 2000  
*Forensic Anthropology.*  
Arizona Science Center, Phoenix, AZ November 1999  
*Director's Circle, Keynote Speaker.*

Arizona Science Center, Phoenix, AZ September 1999  
*Keynote Speaker, Forensic Anthropology.*  
M.E.N.S.A., Phoenix, AZ July 1999  
*Forensic Anthropology*  
Explorathon, AZ, Women in Science and Engineering, Tempe, AZ October 1998  
*Forensic Anthropology*  
F.A.C.E.S., ASU Chapter, Tempe, AZ April 1998  
*Forensic Anthropology*  
Chandler-Gilbert Community College, Panelist, Women in Science Panel Discussion 1997  
Kyrene Science Academy: Non-Traditional Career Choices, Phoenix, AZ, August 1997  
*Forensic Anthropology*

Kyrene School District, Chandler-Gilbert Community College, Gilbert, AZ  
*Forensic Anthropology: A Non-traditional Career Choice*

August 1996