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**LAURA C. FULGINITI****Forensic Anthropologist**Forensic Science Center, 701 West Jefferson Avenue, Phoenix, AZ 85007

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**EDUCATION:**

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

**CERTIFICATION:**

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

**PROFESSIONAL EMPLOYMENT:**

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| Forensic Anthropologist, Maricopa County Office of the Medical Examiner | 1992-present  |
| Forensic Anthropologist, Pinal County Office of the Medical Examiner    | 2017- present |
| Forensic Anthropologist, Yavapai County OME (gap from ~2013-2018)       | 1992- present |
| Forensic Anthropologist, King County Office of the Medical Examiner     | 2019-2020     |

**ACADEMIC EMPLOYMENT:**

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| 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    |
| Vice-President  | 2018-2019        |
| Treasurer   | 2019-2020        |
| Board of Directors, Executive Committee   | 2014-present     |
| Board of Directors, Anthropology Section Representative                                     | 2013-2018        |
| Annual Meeting, Ad-hoc membership committee, Co-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,<br>Butterfield Landfill, Consultant | 10/1998-01/1999  |
| 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:**

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

**HONORS AND AWARDS:**

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|---|------------|
| American Academy of Forensic Sciences Service Awards,   | 2010-2019  |
| 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,<br>Homicide Investigations at Butterfield Landfill | 1996, 1999 |
| Award for Meritorious Performance in Teaching,<br>The University of Arizona Foundation                                | 1991       |
| J. Lawrence Angel Forensic Anthropology Student Paper Award,<br>American Academy of Forensic Sciences                 | 1988       |

**RESEARCH GRANTS**

|   |           |
|---|-----------|
| National Institute of Justice Grant 2019-Research and Development in Forensic Science for<br>Criminal Justice Purposes, DU-BX-0044<br>DNA from Burned Bone, Co-Principal Investigator | 2020-2022 |
| National Institute of Justice Grant 2018-Research and Development in Forensic Science<br>For Criminal Justice Purposes<br>DNA from Degraded Bone, Co-Principal Investigator           | 2018-2020 |

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| National Institute of Justice Grant 2016-DN-BX-0158<br>DNA From Burned Bone, Co-Principal Investigator                         | 2016-2018 |
| National Institute of Justice Grant 2010-DN-BX-K233<br>Using DNA Technology to Identify the Missing, Co-Principal Investigator | 2010      |
| National Institute of Justice Grant 2009-DN-BX-K163<br>Using DNA Technology to Identify the Missing, Co-Principal Investigator | 2009      |

#### **SELECT PUBLICATIONS:**

LC Fulginiti, KM Hartnett-McCann and FL Di Modica, 2019. 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, first edition, Routledge

LC Fulginiti, AC Seidel and KL Bolhofner, 2019. 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

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

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

K.L. Bolhofner, M.V. Emery, J.E. Buikstra, L.C. Fulginiti, and A.C. Stone, 2019. Best Practice Procedures for Sampling Differentially Burned Bone for Successful DNA Recovery, American Academy of Forensic Sciences Annual Meeting, Baltimore, MD

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

Emery, M.V., Bolhofner, K.L., Buikstra, J.E., Fulginiti, L.C., Stone, A.C. 2019. 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, February 26<sup>th</sup>.

Bolhofner K, 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 K, 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 C, 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                   | 2007-2017 |
| Peoria Police Department, Peoria, AZ                            | 1998-2019 |
| 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      |

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| 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:

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| Tempe Police Department  |               |
| <i>Office of the Medical Examiner/Forensic Anthropology</i>            | October 2019  |
| Arizona State University Forensic Science Department                   | March 2019    |
| <i>Forensic Anthropology</i>   |               |
| Arizona Homicide Investigator's forty hour course                      | May 2018      |
| <i>Forensic Anthropology and Mass Fatality</i>                         |               |
| Phoenix Children's Hospital, Child Maltreatment Seminar                | April 2018    |
| <i>The role of Forensic Anthropology in child death investigations</i> |               |
| University of Arizona College of Medicine, Academic Excellence Day     | April 2018    |
| <i>Poster Judge</i>  |               |
| Arizona Homicide Investigator's forty hour course                      | October 2016  |
| <i>Mass Fatality Response in US</i>                                    |               |
| University of Arizona, Forensic Anthropology Course                    | March 2016    |
| <i>Forensic Anthropology/Mass Fatality</i>                             |               |
| Arizona State University, Forensic Anthropology Course                 | February 2016 |
| <i>Forensic Anthropology/Mass Fatality</i>                             |               |
| Mesa Community College, Anthropology Club                              | February 2016 |
| <i>Forensic Anthropology</i>   |               |
| Arizona Homicide Investigator's Regional Conference                    | April 2015    |
| <i>Forensic Anthropology</i>   |               |
| Western Regional Dental Convention                                     | March 2015    |
| <i>Forensic Anthropology</i>   |               |
| Rio Salado School of Dental Hygiene, Phoenix, AZ                       | January 2015  |
| <i>Forensic Anthropology</i>   |               |
| Rio Salado School of Dental Hygiene, Phoenix, AZ                       | November 2013 |
| <i>Forensic Anthropology</i>   |               |
| Arizona Society of Histotechnologists, Annual Meeting, Phoenix, AZ     | May 2013      |
| <i>Forensic Anthropology</i>   |               |
| Arizona State University Criminal Justice Program, Phoenix, AZ         | November 2012 |

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

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| <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>                    |                |

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| Arizona Technical Working Group on DNA Analysis Methods, Mesa, AZ<br><i>Forensic Anthropology</i>            | October 1999       |
| International Homicide Investigation Seminar, Hocking College, Columbus, OH<br><i>Forensic Anthropology.</i> | August 1999        |
| International Association of Forensic Nurses, Phoenix, AZ<br><i>Forensic Anthropology.</i>                   | August 1999        |
| Forensic Medical Investigation Course, Phoenix, AZ<br><i>Forensic Anthropology.</i>                          | June 1999          |
| Forensic Medical Investigation Course, Maui, Hawaii<br><i>Forensic Anthropology.</i>                         | June 1999          |
| National Park Service, Grand Canyon, AZ<br>Co-Instructor, <i>Basic Death Scene Investigation.</i>            | May 1999           |
| Forensic Medical Investigation Course, Phoenix, AZ<br><i>Forensic Anthropology.</i>                          | March 1999         |
| International Homicide Investigation Seminar, Hocking College<br><i>Forensic Anthropology</i>                | November 1998      |
| Arizona Homicide Investigators Association<br><i>Gunshot Wound Seminar</i>                                   | July 1998          |
| Forensic Medical Investigation Course, Phoenix, AZ<br><i>Forensic Anthropology.</i>                          | 02,06,11/1997-1998 |
| Law Enforcement Seminar, Glendale Community College, Glendale, AZ<br><i>Forensic Anthropology</i>            | November 1997      |
| Arizona Homicide Investigator's Association<br><i>Homicide Investigation Training Exercise.</i>              | October 1997       |
| Arizona State Bar, Criminal Justice Division, Phoenix, AZ<br><i>Forensic Anthropology.</i>                   | December 1996      |
| Seminar in Medical Investigation for Homicide Detectives<br><i>Buried and Surface Skeleton Recovery.</i>     | November 1996      |
| Forensic Medical Investigation Course, Phoenix, AZ<br><i>Forensic Anthropology.</i>                          | October 1996       |
| Mortuary Science Program, Mesa Community College, Mesa, AZ<br><i>Continuing Education Seminar.</i>           | October 1996       |
| United States Indian Police Training Center<br>Division of Law Enforcement Services.                         | September 1996     |
| Arizona Identification Council Annual Meeting, Phoenix, AZ<br><i>Body Recovery Techniques.</i>               | June 1996          |
| Forensic Medical Investigation Course, Phoenix, AZ<br><i>Forensic Anthropology.</i>                          | June 1996          |
| Mesa Police Department Identification Services, Mesa, AZ   | December 1995      |

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| <i>Buried Body Recovery.</i>   |                |
| Arizona Homicide Investigator's Association<br><i>Homicide Investigation Training Exercise.</i>                  | October 1995   |
| Arizona Homicide Investigator's Association<br><i>Homicide Investigation Training Exercise.</i>                  | July 1995      |
| Arizona Homicide Investigator's Association<br><i>Homicide Investigation Training Exercise.</i>                  | May 1995       |
| Arizona Homicide Investigator's Association<br><i>Homicide Investigation Training Exercise.</i>                  | September 1992 |
| Arizona Homicide Investigator's Association<br><i>Homicide Investigation Training Exercise.</i>                  | August 1990    |
| Arizona Law Enforcement Training Academy (ALETA), Tucson, AZ<br><i>Homicide Investigation Training Exercise.</i> | May 1989       |

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

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|---|---------------|
| Forensic Science Center, Phoenix, AZ<br><i>Surge Morgue Build Team Exercise.</i>                                      | November 2013 |
| Forensic Science Center, Phoenix, AZ<br><i>Mass Fatality Call Down Drill</i><br><i>Mass Fatality Table Top Drill</i>  | January 2013  |
| Forensic Science Center, Phoenix, AZ<br><i>Mass Fatality Drill</i>  | November 2007 |
| DHS, DMORT-9 Regional Training, Post-Bomb Blast Recovery, Riverside, CA<br><i>Search and Recovery Field Exercise.</i> | May 2005      |
| Mercyhurst College, Post-Bomb Blast Recovery, Erie, PA<br><i>Morgue Operations.</i>                                   | July 2004     |
| NDMS Annual Conference, Dallas, TX<br><i>Forensic Anthropology in a Mass Fatality Event</i>                           | April 2004    |
| Children's Hospital, Pediatricians, Phoenix, AZ<br><i>The Role of the Federal Government in a Smallpox Epidemic</i>   | 2003          |
| Veteran's Hospital, Pediatricians, Phoenix, AZ<br><i>The Role of the Federal Government in a Smallpox Epidemic</i>    | 2003          |
| NDMS, D-MORT-9 Regional Training Exercise, Laughlin, NV<br><i>Forensic Anthropology.</i>                              | August 2001   |
| National Institutes of Justice, Technical Working Group<br>Contributor, Mass Fatalities Response Booklet.             | June 2001     |

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| Armed Forces DNA Identification Laboratory, Baltimore, MD<br><i>DNA Core Group Training.</i> | June 2001              |
| NDMS, D-MORT, Seminar on Disaster Preparedness, Maui, Hawaii<br><i>Forensic Anthropology</i> | February 1998          |
| Disaster Training, NDMS, Emmitsburg, VA,   | September/October 1999 |

**INVITED LECTURES—COMMUNITY ENGAGEMENT:**

|   |               |
|---|---------------|
| Fountain Hills Middle School, Fountain Hills, AZ  | February 2019 |
| Arizona Board of Liquor Licensing, Phoenix, AZ<br><i>Forensic Anthropology.</i>   | October 2011  |
| Mountain View High School, Scottsdale, AZ<br><i>Forensic Anthropology.</i>  | May 2009      |
| MENSA, Phoenix, AZ<br><i>Forensic Anthropology.</i>   | October 2008  |
| Arizona Science Center Parents Night Out, Phoenix, AZ<br><i>Forensic Anthropology</i>   | May 2007      |
| Tolleson School District Career Day, Tolleson, AZ<br><i>Forensic Anthropology.</i>  | March 2007    |
| Grand Canyon University Career Day, Phoenix, AZ<br><i>Forensic Anthropology.</i>  | November 2006 |
| Dobson Ranch Kiwanis, Mesa, AZ<br><i>Forensic Anthropology</i>  | August 2006   |
| Sisters in Crime Mystery Writers, Scottsdale, Arizona<br><i>Forensic Anthropology.</i>  | May 2006      |
| Fountain Hills Rotary, Fountain Hills Community Center, Fountain Hills, AZ<br><i>The Adventures of a Traveling Forensic Anthropologist.</i> | 2006          |
| Pima County Medical Society, Tucson, AZ<br><i>The Adventures of a Peripatetic Forensic Anthropologist</i>                                   | 2006          |
| Altadena Middle School, Phoenix, AZ<br><i>Forensic Anthropology.</i>  | December 2005 |
| Lowell Elementary School, Mesa, AZ<br><i>Forensic Anthropology.</i>   | April 2005    |
| Foothills Forum, Tucson, AZ<br><i>Forensic Anthropology</i>   | November 2004 |
| Grand Canyon University Career Day, Phoenix, AZ   | November 2004 |

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| <i>Forensic Anthropology.</i><br>Mended Hearts Incorporated, American Heart Association                            | March 2004     |
| <i>Forensic Anthropology.</i><br>Math/Science Division, Scottsdale Community College, Scottsdale, AZ               | February 2004  |
| <i>Murder and Mayhem.</i><br>Arizona Science Center, Director's Circle Lecturer                                    | September 2002 |
| <i>Forensic Anthropology and Mass Fatality Response.</i><br>Mended Hearts Incorporated, American Heart Association | January 2002   |
| <i>Forensic Anthropology.</i><br>Northern Arizona University, Department of Anthropology                           | December 2001  |
| <i>Keynote Speaker, Colloquium.</i><br>Phoenix Community College, Phoenix, AZ                                      | October 2001   |
| <i>Child Abuse Seminar.</i><br>Wine, Women and Politics Scottsdale, AZ   | January 2000   |
| <i>Forensic Anthropology.</i><br>Arizona Science Center, Phoenix, AZ   | November 1999  |
| <i>Director's Circle, Keynote Speaker.</i><br>Arizona Science Center, Phoenix, AZ                                  | September 1999 |
| <i>Keynote Speaker, Forensic Anthropology.</i><br>M.E.N.S.A., Phoenix, AZ  | July 1999      |
| <i>Forensic Anthropology</i><br>Explorathon, AZ, Women in Science and Engineering, Tempe, AZ                       | October 1998   |
| <i>Forensic Anthropology</i><br><u>F.A.C.E.S.</u> , ASU Chapter, Tempe, AZ   | April 1998     |
| <i>Forensic Anthropology</i><br>Chandler-Gilbert Community College, Panelist, Women in Science Panel Discussion    | 1997           |
| <i>Forensic Anthropology</i><br>Kyrene Science Academy: Non-Traditional Career Choices, Phoenix, AZ,               | August 1997    |
| <i>Forensic Anthropology</i><br>Kyrene School District, Chandler-Gilbert Community College, Gilbert, AZ            | August 1996    |
| <i>Forensic Anthropology: A Non-traditional Career Choice</i>  |                |