

Elizabeth J. Miller MD
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Education

Medical

University of Alabama at Birmingham (1998 – 2003):

- Anatomic Pathology Residency
- Forensic Pathology Fellowship
- Translational Research

Texas Tech University School of Medicine, Lubbock, Texas

- M.D. May 1998
- Alpha Omega Alpha Honor Society

Undergraduate

Texas Tech University, Lubbock, Texas

- B.A. Anthropology, August 1992
- Graduated Magna cum Laude

University of Texas, Permian Basin, Odessa, Texas

Midland College, Midland, Texas

Honors and Activities

San Antonio Eye Bank 2021 Excellence in Partnership Award.

Texas Tech University Health Sciences Center:

- South Plains Alcohol and Addiction Research Center
- Student mentor with the Women's Studies Community Connection Student Mentoring Program, 2006
- Division of Forensic Pathology representative in the obtainment and development of a Forensic Pathology Fellowship for the Department of Pathology, 2005 - 2008
- Voted Outstanding Pathology Mentor by the Department of Pathology residents, 2006

University of Alabama at Birmingham:

- Chief Resident, Anatomic Pathology

Texas Tech University:

- Graduated Magna cum Laude
- Phi Kappa Phi Honor Society

Professional Societies

Zeta of Texas Chapter, Alpha Omega Alpha (1998 to present)
National Association of Medical Examiners (2003 to present)
American Academy of Forensic Sciences (2004 to present)
College of American Pathologists (1998 to present)

Board Certification

American Board of Pathology

Anatomic Pathology
Forensic Pathology

National Board of Physicians and Surgeons

Anatomic Pathology
Forensic Pathology

Licensure

Alabama Medical License
Texas Medical License
Louisiana Medical License

Professional Work Experience

Forensic Pathologist, Elizabeth J. Miller M.D., PLLC. May 2010 to present.

- Forensic Pathologist, Cameron County, Texas. December 2013 to present.
- Locum Tenens (Staff Care), Cameron County, TX. October 2010 to December 2013.
- South Plains Forensic Pathology, P.A., Lubbock, TX. July 2010 to July 2011.

Forensic Pathologist, Southeast Texas Forensic Center, Inc., Tyler/Odessa, TX. October 1, 2009 – June 9, 2010.

Assistant Professor of Pathology and Director of Hospital Autopsy Services, Texas Tech University Health Sciences Center, Lubbock, TX. July 19, 2004 – August 31, 2008; October 1, 2008 – September 30, 2009.

Deputy Medical Examiner, Lubbock County Medical Examiner Office, Lubbock, TX. July 19, 2004 – August 31, 2008.

Forensic Pathologist, Forensic Pathologists, Inc., Bossier City, LA. July 1, 2003 – May 20, 2004.

Publications

Book (chapter)

Grizzle WE, Semmes OJ, Bigbee WL, Malik G, **Miller E**, Manne B, Oelschlager DK, Zhu L, Manne U. Use of high throughput mass spectrographic methods to identify disease processes. In: *Molecular Diagnostics*. Eds. G. Patrinos, W. Ansorg. 2005; 211–223.

Peer Reviewed Journals

Acute stress cardiomyopathy and deaths associated with electronic weapons. Cevik, C, Otahbachi, M, **Miller, E**, Bagdure, S, Nugent, KM. *International Journal of Cardiology*. Mar 2009,132(3), p.312-317.

Wachtel MS and **Miller EJ**. Focal changes of chronic pancreatitis and duct-arteriovenous relationships. *Am J Surg Pathol*. 2005 Aug;29(8).

Chhieng DC, **Miller E**, Eltoum IA, Zhu L, Grizzle WE. Protein profile of body cavity fluid by surface enhanced laser desorption/ionization time of flight mass spectrometry (SELDI-TOF). *Mod Pathol*. 2003; 16:62A.

Miller EJ, Marques MB, Simmons GT. Etiology of pulmonary thromboembolism in the absence of commonly recognized risk factors. *Am J Forensic Med Pathol*. 2003 Dec;24(4):329-33.

Miller EJ, Nelson G, Schultz J, Davis GG. Diagnosis of sudden unexplained death in epilepsy by immunohistochemical staining for prolactin in cerebral vessels. *Am J Forensic Med Pathol*. 2003 Mar;24(1):28-31.

Miller EJ, Singh SP, Cerfolio RJ, Schmidt F, Eltoum IE. Pryce's type I pulmonary intralobar sequestration presenting with massive hemoptysis. *Ann Diagn Pathol*. 2001 Apr;5(2):91-5.

Published Abstracts/Presentations

MacDougall, RM and **Miller, EJ**. Diaphragmatic hernia in an otherwise healthy adult: An often misdiagnosed entity and life threatening emergency. Annual meeting of the National Association of Medical Examiners, Savannah, GA, October 2007.

Mammarappallil, M and **Miller, E**. CD117 Positivity in a Primary Peritoneal Papillary Serous Carcinoma. Annual meeting of the College of American Pathologists, San Diego, September 2006.

Miller EJ, McCormick CO, Netherland P, McCormick GM. An investigation of local methadone-related deaths. Annual meeting of the National Association of Medical Examiners, Nashville, September 2004.

Chhieng DC, Meleth S, **Miller E**, Eltoum IA, Zhu L, Grizzle WE. Protein profiles of body cavity fluid generated by surface enhanced laser desorption/ionization time of flight mass spectrometry (SELDI-TOF-MS) is helpful in distinguishing between reactive and neoplastic processes. Abstract #3550. American Association for Cancer Research 95th Annual Meeting, Orlando, FL, March 27-31, 2004.

Miller EJ, Netherland P, Willis C, McCormick GM. Characterization of recent cocaine and methadone-related death trends in Caddo Parish, Louisiana, with comparison to national trends. 56th annual meeting of the American Academy of Forensic Sciences, Dallas, Texas, February 2004.

Vital-Reyes V, **Miller EJ**, Rodriguez-Burford C, Suarez-Cuervo C, Singh RS, Barnes MN, Grizzle WE. Effects of celebrex on ovarian carcinoma cell lines. AACR "Frontiers in Cancer Prevention Research" meeting, October 26-30, 2003, Phoenix, AZ.

Miller EJ, Suarez-Cuervo C, Singh RS, Vital-Reyes V, Barnes III MN, Grizzle WE. Effects of celebrex in ovarian carcinoma cell lines. 11th SPORE Investigators' Workshop, July 8-10, 2003 Baltimore, MD.

Barnes MN, Chhieng D, **Miller E**, Grizzle WE, Jones L, Partridge EE. A controlled clinical trial of celecoxib as a chemopreventive agent in women at elevated risk of ovarian carcinoma: evaluation of enrollment into a pilot study. 11th SPORE (Specialized Programs of Research Excellence) Investigator's Workshop, Baltimore, July 2003.

Miller EJ, Greene P, Chhieng D, Partridge E, Grizzle WE, Eltoum IA. SELDI-TOF protein profiles of cervical mucus in normal vs. dysplastic epithelium. 94th Annual Meeting of the American Association for Cancer Research, July 2003, Washington, DC. Abstract #1878.

Chhieng DC, **Miller E**, Eltoum IA, Zhu L, Grizzle WE. Protein profile of body cavity fluid by surface enhanced laser desorption/ionization time of flight mass spectrometry (SELDI-TOF-MS). United States and Canadian Academy of Pathology (USCAP), 92nd annual meeting, March 2003.

Miller EJ, Marques MB, Simmons, GT. Etiology of pulmonary thromboembolism in the absence of commonly recognized risk factors. Annual meeting of the National Association of Medical Examiners. Shreveport, Louisiana, September 2002.

Miller EJ, Nelson G, Schultz J, Davis GG. Diagnosis of sudden unexplained death in epilepsy (SUDEP) by immunohistochemical staining of CNS capillary prolactin. 53rd annual meeting of the American Academy of Forensic Sciences. Seattle, Washington, February 2001.

Miller EJ, Barber A. Accuracy of the APACHE II scoring system as a predictor of severity in acute pancreatitis. American College of Surgeons, 82nd annual clinical congress, San Francisco, October 1996.

Lectures and meetings

Trauma Mimics. Trauma Grand Rounds. Valley Baptist Medical Center Harlingen, TX. July 30, 2019.

Trauma Mimics. 2019 South Texas Comprehensive Health Care Symposium. Trauma Regional Advisory Council V. South Padre Island, TX. March 22, 2019.

Cause and Manner of Death: Drugs and the Opioid Epidemic. Cause and Manner of Death Training, Texas Justices of the Peace. Academic year 2018-2019.

Comprehensive Review of Forensic Pathology with Postmortem Care. Valley Baptist Medical Health System Nursing Internship. Harlingen, Texas. March 2018 to present.

Synthetic Drugs. 2018 South Texas Comprehensive Health Care Symposium. Trauma Regional Advisory Council V. South Padre Island, TX. April 13, 2018.

Synthetic Cannabinoids. Trauma Services Case Review and Hot Topic. Valley Regional Medical Center, Brownsville, TX. October 11, 2017.

Challenges in Child Death Investigation. Making a Difference by Protecting Lives training sponsored by the Cameron County Children's Advocacy Centers Inc. September 6th and 8th, 2017.

Forensic Pathology. Rivera High School. Brownsville, TX. March 23, 2017.

Case presentation and Discussion of Forensic Pathology Issues. Trauma Multidisciplinary Committee Meeting. Valley Regional Medical Center. Brownsville, TX. March 9, 2017.

Forensic Pathology Approach to Death Regarding Trauma Patients. Trauma Grand Rounds. Valley Baptist Medical Center, Harlingen, TX. November 14, 2016.

Forensic Pathology. Harlingen South High School. Harlingen, TX. April 28th and 29th, 2016.

Discussion of Forensic Pathology Issues. Trauma Multidisciplinary Committee Meeting. Harlingen Medical Center. Harlingen, TX. April 14, 2016.

Forensic Pathology. Harlingen School of Health Professions. Harlingen, TX. April 2, 2015 and February 10, 2016.

Challenges in Child Death Investigation. 11th Annual Seminar in Forensic Sciences. South Padre Island, TX. November 5, 2014.

Gunshot Wounds and Sharp Force Trauma. 17th Annual Trauma Symposium (Bullets, Bombs & Blood), Trauma Regional Advisory Council-V, South Padre Island, TX. March 27, 2014.

Forensic Pathology lecture series, Rio Grande Valley:
Fun N Sun Genealogy Club, March 5, 2014 to present.
Valley Byliners writers club, May 11, 2013.

Cameron County Citizen Review Team. Cameron County, TX. 2013 to 2016.

Medicolegal Death Investigation. Presented to Cameron County, TX Investigative Agencies. June 26, 2013.

Child Fatality Review, Cameron and Willacy Counties, TX. 2012 to present.

Postmortem Identification. University of Texas Brownsville Criminal Justice and Forensic Investigations students. September 15, 2011.

Radiographic Applications in Medicolegal Death Investigation. 2011 Annual Medical Imaging Seminar. The University of Texas at Brownsville and Texas Southmost College. June 18, 2011.

Training, Crime Scene Response Team (#2097). Harlingen Police Department. January 17 – 28, 2011.

Forensic Pathology. Early College High School (Harlingen Consolidated Independent School District) Career Fair. January 14, 2011.

Forensic Pathology. Lecture series presented to medical students and Pathology residents at Texas Tech University Health Sciences Center, Lubbock, Texas. 2004 - 2009.

Forensic Pathology. The Native American Summer Bridge Institute (NASBI,) hosted through the Cross-Cultural Academic Advancement Center, Texas Tech University, Lubbock, Texas. June 2009.

Circumstantial, Environmental, and Toxicological Implications of Livor Mortis. 14th Annual Medical Investigator conference, Texas Tech University Health Sciences Center, Lubbock, Texas, November 1 and 2, 2007.

Circumstantial, Environmental, and Toxicological Implications of Livor Mortis. The Institute of Environmental and Human Health, Texas Tech University, Lubbock, Texas. 2007

Forensic Pathology. School of Nursing, Texas Tech University Health Sciences Center, Lubbock, Texas. 2007 - 2008.

Sharp Force Injuries. Department of Anthropology, Texas Tech University, Lubbock, Texas. 2007.

Forensic Pathology. Forensic Science Program, Texas Tech University, Lubbock, Texas. 2006.

Forensic Pathology. Sexual Assault Nurse Examiner (SANE) Program, Bossier City, Louisiana. January 2004.

Introduction to Surgical Pathology. Surgical Physician Assistant Program, University of Alabama at Birmingham, Birmingham, Alabama. 2000 – 2002.

Forensic Pathology. Criminal Justice Program, Jacksonville State University, Jacksonville, Alabama. 2002 – 2003.

Histology. Ramsay High School Science Club, Birmingham, Alabama. March 2002.

Forensic Pathology. Summer Science Institute, University of Alabama at Birmingham, Birmingham, Alabama. July 2002.

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