

CONTACT INFORMATION

Selly R. Strauch, MD, FCAP

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WORK HISTORY

- Forensic Medical Management Service of Texas Operations (Tyler and Beaumont Officers)
Chief Forensic Pathologist (10/30/2020- current)
Deputy Chief Forensic Pathologist (10/2019-10/30/2020)
Forensic Pathologist, Private (7/ 2019-10/2019)
 - Community Relations Board, Federal Corrections of Texas
 - Forensic Medical of Texas Annual Training Conference (Tyler, TX and Beaumont, TX)
 - Performs 500- 550 complete autopsies a year, while performing administrative duties
 - Attends court testimony/ depositions for own conducted case, and as a substitute
 - Cold case expert for Texas Rangers
 - Helped design and oversee construction of new morgue.
 - Created new microbiology/ virology procedures for decedents at St. Elizabeth hospital.
 - Responsible for two offices, combined staff of 28
 - Provide lectures to federal Bureau of Prisons, Texas Advocates against Domestic Violence, and local Law enforcement academies.
 - Participates in Jefferson County child mortality case review.
- Hillsborough County Medical Examiner's Office (09/2015- 07/2019) Tampa, FL
Associate Medical Examiner
Assistant Core Clinical Professor, Pathology and Cell Biology, Pathology University of Southern Florida (2015- 2019)
University of South Florida, Guest lecturer, Graduate Forensic Sciences course, "Postmortem Changes and Identification," "Pediatric Abuse," and "Gunshot Wounds", (2017-2019)
 - Perform and supervise residents' and forensic fellow's performance of complete forensic autopsies
 - Faculty member of the Fellowship Program Evaluation Committee
 - Lecture pathology residence on various forensic topics
 - Assist residents and fellows in publications and presentations at the National Association of Medical Examiners Conference
 - Perform 225- 278 complete forensic autopsies a year
 - Expert Testimony in court for local and neighboring counties
 - Depositions for criminal and civil cases
 - Educational Conferences for law enforcement, local air force base (McDill), Fish and Wildlife, Department of Family and Child Services**Regional Committees (HCMEO Related):**
 - Trauma Review Committee- Tampa General Hospital**
 - Trauma Review Committee- St. Joseph's Hospital**
 - Child Abuse and Neglect Committee- Hillsborough County**
 - Infant Morbidity and Mortality Committee- Hillsborough County**
 - Cold Case File Committee- Hillsborough County Sheriff's Office**
- University of Mississippi Medical Center (2015- current) **Affiliate Faculty Member**
 - Forensic and Autopsy Pathology lectures to pathology residents and medical students.
- University of Mississippi Medical Center (2014- 2015)
Jackson, MS
Assistant Professor Hospital and Forensic Autopsy, Department of Pathology
 - Perform and supervise residents' performance of hospital and private autopsies.
 - Perform forensic autopsies for the University of Mississippi Medical Center and the Mississippi State Medical Examiner.
 - Present lectures for dental school, medical school, and pathology residents.
 - Revised hospital autopsy template and added forensic autopsy templates to program.
 - Revamped autopsy protocols and resident's autopsy guide.
 - Provide informative lectures on forensic pathology to interest groups and local high schools/ colleges.
 - Faculty member of the Residency Program Adequacy and Improvement Council

- Designated Pathologist, State of Mississippi Department of Public Safety/ Office of the Chief Medical Examiner (12-17-2014 to current)

EDUCATION

University of Evansville (1999- 2003): (double major): B.S. Biology/ Pre-Medical and Criminal Justice. Minor: Chemistry

Indiana University (2003- 2004): No degree. Graduate level biochemistry and Biology courses completed.

American University of the Caribbean (2004- 2008): Graduated Medical doctor (MD) with Honors. Graduation: 06-2008.

West Virginia University/ Ruby Memorial Hospital (2008- 2011): AP/CP Pathology Residency (PGY1-3)

University of Mississippi Medical Center: (2012- 2013): AP/CP Pathology Residency (PGY4)- Continued training in clinical and anatomical Pathology. Provided conferences, grand rounds, medical student and junior resident lectures, presented a research paper and assisted in research for the Lucas Grant in conjunction with Wake Forest.

Wake Forest University/ Office of the Medical Examiner of Winston-Salem, NC (2013-2014): Forensic Pathology Fellowship. Appointed as Forsyth County Medical Examiner.

INTERNSHIPS:

- Lake County Sheriff's Department (1999- 2003)
Lake County, IN
Intern- Assisted homicide detectives, crime scene investigators, police, and the medical examiner. Experience with AFIX Tracker, IBIS ballistics, fingerprinting, autopsy assistance, and evidence collection/ processing.
- Vanderburgh County Sheriff's Department (2002- 2003)
Vanderburgh County, IN
Intern- Assisted crime scene investigators, autopsy assistance, and laboratory experience.

PROFESSIONAL QUALIFICATIONS

Successful completion of USMLE Step1, 2 CK/CS, and 3.

Anatomical Pathology and Clinical Pathology Board Certified (2013): 13-446

Forensic Pathology Board Certified (2014): 103537

MEDICAL LICENSURE, PERMANENT and UNRESTRICTED

Virginia: (2011- current) 1010251187

Mississippi: (2012- current) 21944

North Carolina: (2013- current) 185993

Florida: (2015-current) ME 124976

Texas (2019) S2909

COMMITTEES

ACGME Residency Program Improvement Taskforce (2012-current)- University of Mississippi Medical Center

LEAN Task/ Project Assistance (2012-2013)- University of Mississippi Medical Center

New Resident Orientation Committee: (2013)- University of Mississippi Medical Center

Chair, Articles of Incorporation and By-Laws Review Committee: (2/2017- current) Florida Association of Medical Examiners

ACGME Program Evaluation Committee (PEC) (2016- current)- Hillsborough County Medical Examiner's Office

AWARDS

University of Evansville: Dean's list (1999-2003)

Rho Lambda Invite/ Initiation (Greek Honor Society)

American University of the Caribbean Honor Society (2006)

Residents are Teachers Award, University of Mississippi Medical Center (2013)

American Academy of Forensic Science "Best Resident Paper Submission" Finalist (2013)

Leading Physicians of the World (2015; 2016)

PROFESSIONAL MEMBERSHIPS

Zeta Tau Alpha Alumni Association (2003- current)

American Medical Association (2004- current)

The New Physician (2004- current)

ECFMG (2004- current)

College of American Pathologists (2008- current)
National Association of Medical Examiners (2008- current)
American Academy of Forensic Science (2013- current)
International Association of Healthcare Physicians (2014- current)
Mississippi State Medical Association # 314439 (12/13/2014- current)
Florida Medical Association (2014- current)
Florida Association of Medical Examiners (2015- current)
Texas Medical Association (2019- current)

RESEARCH/ TRAINING

- American University of the Caribbean (2005- 2006)
 - Anatomical dissection
 - Appointed tutor for Biochemistry, Histology, and Pathology
- Homicide and Lunar Cycle Correlation (2006- current)
 - Assisting statistical research with forensic pathologist, Dr. Brian Peterson, Chief Medical Examiner, Milwaukee, WI.
- Endometrial ablation techniques (2009- 2011)
 - Translational medicine research for an international pathology research team. Research involves various endometrial ablation techniques and pharmacology.
- Expert witness in Mock Trial at West Virginia University College of Law (April 2011)
 - Subdural hematoma dating in an infant
- Perimacular retinal folds in Adults in Same Level Height Falls (2012)
 - AAFS presentation.
 - Co-author, Dr. Patrick Lantz, Wake Forest University
- Expert witness in Mock Trial at Wake Forest University College of Law (2013)
 - Abusive head trauma in a pediatric decedent
- Optic Nerve Sheath Hemorrhages in Children (2013)
 - AAFS presentation
 - Co-author, Dr. Patrick Lantz, Wake Forest University

PUBLICATIONS/ PRESENTATIONS

An Unusual Presentation of High-grade Lymphomatoid Granulomatosis: A 19 Year-old Male with Hematemesis, Hematochezia and Extensive Bone Marrow Involvement. Selly Strauch, MD; Sabine Pargman, MD; Jeffery Vos, MD. *Archives of Pathology & Laboratory Medicine*: September 2011, Vol. 135, No. 9, pp. 1102-1230.

An Unusual Presentation of High-grade Lymphomatoid Granulomatosis: A 19 Year-old Male with Hematemesis, Hematochezia and Extensive Bone Marrow Involvement. Selly Strauch, MD; Sabine Pargman, MD; Jeffery Vos, MD. Poster Presentation - CAP '11 (College of American Pathologists), Grapevine, Texas on September 11 - 14, 2011.

Sudden Death in Young Adults. Selly Strauch, MD and Charu Subramony, MD, University of Mississippi. 2012 Presentation at the Mississippi Annual Medical Examiners/ Death Investigators Conference Jackson, MS

Perimacular Retinal Folds in Adults in Same Level Height Falls. Selly Strauch, MD, University of Mississippi, and Dr. Patrick Lantz, Wake Forest University. Podium Presentation- AAFS Conference 2013 in Washington, D.C.

Optic Nerve Sheath Hemorrhages in Children, A histopathological Analysis. Selly Strauch, MD Wake Forest University and Patrick Lantz, MD, Wake Forest University. Podium Presentation- AAFS Conference 2014 in Seattle, Washington.

Electrocution, "All Amped Up". Selly Strauch, MD Wake Forest University. North Carolina State County Medical Examiners Conference, March 2014, Winston- Salem, North Carolina

Sudden and Unexpected Death is a 20-year-old woman with Congenital Sinus of Valsalva Aneurysm. Brook Sims, MD, Charu Subramony, MD and Selly Strauch, MD, University of Mississippi Medical Center. Poster Presentation- AAFS Conference 2015 in Orlando, Florida.

Aortic Root Dissection, Type A, Extending into Three Coronary Arteries Causing Sudden Unexpected Death in a 37-Year-Old Non-pregnant Woman. Melissa Brents, MD, Charu Subramony, MD, and Selly Strauch, MD, University of Mississippi Medical Center. Poster Presentation- NAME Conference 2015 in Charlotte, North Carolina.

The use of Immunohistochemistry to Differentiate Melanoma from Metallic Fragment Deposition from a Projectile in the Brain of a Patient with No Medical History Provided. Youssef Al hmada, MD, Azniv Azar, MD, Anna Mathew, MD,

Selly Strauch, MD, University of Mississippi Medical Center. Poster Presentation- NAME Conference 2015 in Charlotte, North Carolina.

Death as a complication of umbilical venous catheterization in a newborn. Joy King, MD, Kris Adams MD, Lisa Sullivan MD, Selly Strauch MD University of Mississippi Medical Center. Poster Presentation- AAFS Conference 2016 in Los Vegas, Nevada.

Death due to a non-traumatic intracranial hemorrhage, due to coagulopathy: A fatal complication of the Sepsis. Tejal Petal, MD, Joy King, MD, and Selly Strauch, MD University of Mississippi Medical Center. Poster Presentation- AAFS Conference 2016 in Los Vegas, Nevada.

Fatalities Involving Carfentanil and Furanyl Fentanyl: Two Case Reports. Dina M. Swanson, Selly R. Strauch Rivers, Brianna C Smyth, Sara C. Brogan, Alexis D. Ventosos, Samantha L. Vaccaro, and Juila M. Pearson. *Journal of Analytical Toxicology*, 2017; 1-5

Sudden and Unexpected Cardiac Death in the Pediatric Population. Sarah Thomas, MD, and Selly Strauch Rivers, MD. Hillsborough County Medical Examiner's Office and University of Southern Florida. Poster Presentation- NAME Conference 2017 in Scottsdale, AZ.

Pediatric Deaths Associated with Unsafe Sleeping Environments: A Ten Year Case Review of Hillsborough County, Florida. Erika Baardsen, MD, Kelley Devers, MD and Selly Strauch Rivers, MD. Hillsborough County Medical Examiner's Office and University of Southern Florida. Poster Presentation- NAME Conference 2017 in Scottsdale, AZ.

Peculiar Patterns of High Voltage Electrocution. Ashley Perkins, MD, Leszek Chrostowski, MD, and Selly Strauch Rivers, MD. Hillsborough County Medical Examiner's Office and University of Southern Florida. Poster Presentation- NAME Conference 2017 in Scottsdale, AZ.

Sunshine and Suicides: A Case Review of Unusual Suicides in Hillsborough County, Florida. Ashley Perkins, MD, and Selly Strauch Rivers, MD. Hillsborough County Medical Examiner's Office and University of Southern Florida. Oral Presentation- NAME Conference 2017 in Scottsdale, AZ.

Postmortem Anthropophagy by Animals. Stefanie Grewe, MD and Selly Strauch Rivers, MD. Hillsborough County Medical Examiner's Office and University of Southern Florida. Poster Presentation- NAME Conference 2018 in West Palm Beach, FL.

Multiple Projectiles Recovered from a Single Entrance and Wound Path: A Rare Case of Tandem Bullets and Literature Review. Stefanie Grewe, MD, Carolina McEanan, MD and Selly Strauch Rivers, MD. Hillsborough County Medical Examiner's Office and University of Southern Florida. Poster Presentation- NAME Conference 2019 in Kansas City, MO.

Transection of Skull via Helicopter Blade; an Unusual Cause of Death. Temma Kaufman, MD, Stefanie Grewe, MD, Leszek Chrostowski, MD and Selly Strauch Rivers, MD. Hillsborough County Medical Examiner's Office and University of Southern Florida. Poster Presentation- NAME Conference 2019 in Kansas City, MO.

Grants Obtained:

Lucas Grant (American Academy of Forensic Science)- 2013. Dr. Patrick Lantz (PI) , Wake Forest University, and Selly Strauch, MD (Co-PI: 50%), University of Mississippi. Analysis of Optic Sheath Hemorrhages in Children.

Webcases:

- 1.) Incidental breast mass in a woman with invasive ductal breast carcinoma, NOS. Selly Strauch, MD and Patrick Bacaj, MD. June 2011. <http://www.hsc.wvu.edu/som/Pathology/News/Case-Of-The-Month>.
- 2.) 69 year old man with an anterior mediastinal mass. Selly Strauch, MD; Ryan Livengood, MD; Jeffery Vos, MD. <http://www.hsc.wvu.edu/som/Pathology/News/Case-Of-The-Month>.
- 3.) A rare presentation of *Cryptococcus neoformans*. Selly Strauch, MD and Rocco Lasala, MD. March 2009. <http://www.hsc.wvu.edu/som/Pathology/News/Case-Of-The-Month>.

Grand Round Lectures:

- 1.) "Ink marks the Spot. Tattooing, piercing, and scarification." Selly Strauch, MD. Grand Rounds West Virginia University, November 2009; Wake Forest University 2011.
- 2.) "Human vs. Non-Human bone identification." Selly Strauch, MD. Grand Rounds West Virginia University, October 2010
- 3.) "Suicidal Hanging." Selly Strauch, MD Grand Rounds University of Mississippi Medical Center. September 2012