

CURRICULUM VITAE

Karen L. (Brintzenhofe) Kelly, MD
Forensic and Cardiovascular Pathologist

EDUCATION

MD	University of Minnesota	Minneapolis, MN	1983-1987
BA (Honors)	University of Minnesota	Duluth, MN	1972-1976

POSTGRADUATE TRAINING

General Surgery – Hennepin County Medical Center, 1987-1988
Anatomic and Clinical Pathology Residency – Hennepin County Medical Center, 1988-1989
Anatomic and Clinical Pathology Residency – Hennepin County Medical Center, 1990-1993

FELLOWSHIP TRAINING

Forensic Pathology – Hennepin County Medical Examiner's Office, 1989-1990
Cardiovascular Pathology – Jesse E. Edwards Registry of Cardiovascular Disease, 1993-1994

PROFESSIONAL CERTIFICATIONS

Anatomic and Clinical Pathology – American Board of Pathology, 1993
Forensic Pathology – American Board of Pathology, 1994
National Association of Medical Examiners, Accreditation Inspector, 2011

ACADEMIC FACULTY APPOINTMENTS

Brody School of Medicine at East Carolina University, Associate Professor, tenured 2014
Brody School of Medicine at East Carolina University, Associate Professor, 2009-2025
Brody School of Medicine at East Carolina University, Director of the Forensic Pathology Fellowship Program 2015-2023
Brody School of Medicine at East Carolina University, Director of the Residency Autopsy Rotation 2016-2021
University of South Alabama, Clinical Assistant Professor, 2006-2009
Baylor College of Medicine, Clinical Assistant Professor, 2004
University of Minnesota, Clinical Instructor, 1994-2003

WORK EXPERIENCE

Forensic Pathology Staffing, Locums Tenens Forensic Pathologist, 2024-present.
BSOM at East Carolina University, Director of Forensic and Autopsy Service, 2019-2022.
School of Medicine at East Carolina University, Forensic Pathologist, 2009-2025.
Alabama Department of Forensic Sciences, Senior State Medical Examiner, 2008-2009
Alabama Department of Forensic Sciences, Director of Death Investigations, Region IV, 2006-2008
Alabama Department of Forensic Sciences, Senior State Medical Examiner, 2005-2006
District I Florida (Okaloosa and Walton Counties), Associate Medical Examiner, 2004-2005
Harris County Medical Examiner's Office, Assistant Medical Examiner, 2003-2004
Anoka County Medical Examiner's Office, Assistant Coroner, 1998
Jesse E. Edwards Registry of Cardiovascular Disease, Cardiovascular Pathologist/Consultant, 1994-2003
Ramsey County Medical Examiner's Office, Deputy Medical Examiner, 1992-1994
Hennepin County Medical Examiner's Office, Deputy Medical Examiner, 1990-1994

Updated 01.28.2025

University of Minnesota Dental School, Department of Periodontics, Associate Scientist, 1980-1983
University of Minnesota Medical School, Department of Anatomy, Senior Laboratory Technician, 1977-1980
University of Minnesota Medical School, Department of Physiology, Junior Laboratory Technician, 1976-1977

LOCUMS TENENS PRACTICE

Through Forensic Pathology Staffing:
-Vancouver, Washington (Clark County).
-Boise, Idaho (Ada County).

MAJOR PROFESSIONAL SOCIETIES

American Academy of Forensic Sciences
National Association of Medical Examiners
Cardiovascular Pathology Society

LICENSURE

State of North Carolina Medical License, 2008-01993, 2008-present
State of Alabama Medical License, 00027017, 2005-2011
State of Florida Medical License, 90534, 2004-2008
State of Texas Medical License, L5786, 2003-2005
State of Wisconsin Medical License, 35993-020, 1994-2011
State of Minnesota Medical License, 31926, 1988-2007
State of Washington Medical License, 2023-present

INTERNATIONAL PROFESSIONAL SERVICE

American Public Health Association, International Health Section Councilor 2016-2018
Physicians for Human Rights-Israel
09.2014-Participant in Team 2 visit to the Gaza Strip to examine patient and decedent injuries associated with Israeli attacks 07.2014.
11.2014-Participant in creation of report of findings for presentation to United Nations.
American Association for the Advancement of Science 2013-present
On call physician
ANAB-Forensic Technical Assessor 2020-present
-Inspection of Instituto de Servicios Periciales y Ciencias Forenses de Poder Judicial de la Ciudad de Mexico, Mexico City, June 2023 (In person).
-Inspection of Direccion General de Servicios Periciales, Fiscalia General del Estado de Durango Durango, Mexico, July 2022 (Virtual).
-Inspection of Dirección General de Servicios Periciales de la Fiscalía General del Estado de Chiapas Chiapas, Mexico, November 2022 (Virtual).
-Inspection of the Allegheny County Office of the Medical Examiner, Pittsburgh, PA, October 2020 (Virtual).
Physicians for Human Rights-Forensic Pathology Consultant 2014-present
-Examination, evaluation and analysis of human rights cases from around the world including Paraguay, the Gaza Strip, Iran

NATIONAL PROFESSIONAL SERVICE

Moderator, American Association of Forensic Sciences Annual Meeting, Virtual meeting, 2021.
Moderator, National Association of Medical Examiners Annual Meeting, Virtual, 2020.
Autism research and the medical examiner (Autism BrainNet), Simmons Foundation, New York, New York 2017-present

Journal Review:
Human Pathology 2019

Forensic Science, Medicine and Pathology 2018-present
Academic Forensic Pathology International 2017
Journal of Cardiovascular Pathology, 2007 and 2009-present
Laboratory Investigation, 2009-2010
National Association of Medical Examiners Committees:
Ethics Committee, 2018-present
Standards, Inspection and Accreditation, 2010-present
EPP-Forensic Pathology Fellowship Training, 2019
EPP-Forensic Fellow In-Service Examination, 2013-2016
Ad-hoc International Relations, 2019
Ad-hoc Organ and Tissue Procurement, 2019
Ad-hoc Forensic Toxicology, 2013-present
Ad-hoc Committee on the Interagency Interactions in Mass Fatalities, 2010-present
Ad-hoc Bioterrorism and Infectious Disease Committee, 2010-present
Ad-hoc Committee on Unidentified Persons, 2010-present
American Academy of Forensic Sciences Committee
Pathology/Biology Research Committee, 2010-2011
Disaster Mortuary Operational Response Team Member, Region IV, 2007-2018
Innocence Project Forensic Expert, 2008-present

STATE PROFESSIONAL SERVICE

Maternal Mortality Review Committee, appointed position, 2022-present

REGIONAL PROFESSIONAL SERVICE

Child Fatality Prevention Team

Member of CFPT Subcommittee 2015-present.

Member of CFPT Full Committee 2015-present.

Attendee of CFPT State Training 2018

Attendee of CFPT Regional Training 2019

Carolina Donor Services-Medical Examiner Consortium 2018-present

UNIVERSITY PROFESSIONAL SERVICE

Grievance Committee Member 2016-2017

Faculty Senate Alternate, 2013-2016

Safe-Zone Training, 2013

Student Academic Appellate Committee, 2009-2012

Department Search Committees:

Forensic Pathologist, Chair 2019

Director of Forensic Pathology and Autopsy Service 2016-2017

Pathologists' Assistant 2016-2017

Forensic Pathologist 2011-2012

Pathology Prosector 2010-2011

PROFESSIONAL SERVICE TO THE BRODY SCHOOL OF MEDICINE

Brody School of Medicine at East Carolina University Admissions Committee, Interviewer

M3/M4 Curriculum Committee, 2013

INSPRE participation, 2013

PROFESSIONAL SERVICE TO THE DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE

Program Director, Fitting the Pieces of the Puzzle, 2020-present.

Director of the Autopsy and Forensic Pathology Division, 2019-2022

Search committee member for Pathology Chair, 2018-2019

Director of the Forensic Pathology Fellowship Training Program 2015-2023

Autopsy Rotation Director 2016-2020

Autopsy Rotation Co-director 2020-2022
Residency Committee 2013-present
Clinical Competency Committee, 2013-present
Search Committee Chair for Forensic Pathologist, 2019, 2021
Search Committee member for Administrative Assistant, 2018
Search Committee member for autopsy technician, 2018
Search Committee member for Director of Forensic Pathology Division 2016
Search Committee member for Pathologist's Assistant 2016
Search Committee member for Forensic Pathologist 2016
Search Committee member for M2 Course Director, 2013
Search Committee member for Forensic Pathologist, 2012
Search Committee member for division secretary, 2012
Search Committee member for Pathology Prosecutor, 2012

PROFESSIONAL SERVICE TO VIDANT MEDICAL CENTER/BRODY SCHOOL OF MEDICINE

Medical Executive Committee 2018-2023
Committee on Physicians Health 2018-2023
Graduate Medical Education Program Directors Committee 2016-2023
Graduate Medical Education Committee 2016-2023
Accreditation Committee 2016-2018

TEACHING

Medical School – Assist with teaching cardiovascular pathology section to medical students in cooperation with Course Director.

Brody School of Medicine, 2009-present

Cardiovascular Pathology lectures and laboratories including:
Congenital anomalies, vascular tumors and vascular biology
Vasculitides
Arteriosclerosis and systemic hypertension
Myocardial ischemia/myocardial infarct/complications
Heart failure/pericardial diseases
Valvular heart disease
Myocarditis/cardiomyopathy
Congenital heart disease

Reorganization and development of series of new lectures in Cardiovascular Pathology, 2009.

Teach forensic and autopsy pathology to 3rd and 4th year medical students on elective rotations.

Residency

Pathology Resident Teaching including:

Training of autopsy and forensic pathology during their required autopsy rotations
Development, organization and initiation of new didactic series of forensic pathology lectures

Cardiovascular pathology didactic lecture series

Forensic journal club series

Boot camp lectures on the hospital and forensic autopsy services 2017-present

Pediatric Resident Teaching including presentations at morbidity and mortality conferences

Fellowship

Cardiovascular Medicine Fellows:

Cardiovascular pathology didactic lecture series with gross specimens
Morbidity and mortality conferences

GRANTS

GRANT SUPPORT (Awarded)

Oliver, W, Lehman, J, Kelly, K. The Interpretation of Patterned Injuries in Medicolegal Death Investigation, 12-0703, 2013-2015, National Institutes of Justice, Co-investigator, 10% effort (\$633,594).

GRANTS SUBMITTED

Oliver, W, Lehman, J, Kelly, K. Photogrammetry-based Enhancement of Autopsy Measurement, 12-0701, 2013-2014, National Institutes of Justice, Co-Investigator, 10% effort (\$234,504).

Oliver, W, Lehman, J, Kelly, K. A National Image Interpretability Rating Scale for Forensic Pathology, 12-0702, 2013-2015, National Institutes of Justice, Co-Investigator, 10% effort (\$488,104).

PUBLICATIONS

Refereed Articles

Contribution to Practice

Kelly, K. & Crosson, J. (1993). Common Variable Immunodeficiency. *American Society for Clinical Pathology*, 17 (1).

Discipline-Based Scholarship

Kelly, KL, et al. Sudden cardiac death in the young: A consensus statement on recommended practices for cardiac examination by pathologists from the Society of Cardiovascular Pathology. *Cardiovascular Pathology* 63 (2022) 107497.

Anderson MP, Quinton R, **Kelly K** et al. Autism BrainNet: A collaboration between medical examiners, pathologists, researchers, and families to advance the understanding and treatment of autism spectrum disorder. *Arch Pathol Lab Med* 145 (2021) 494-501.

Mohamed A, Thayyil A, Spears J, **Kelly K**. A rare case of fatal multi-organ polymer graft material and cholesterol embolization following aortic repair. *Cardiovascular Pathology* 50 (2020) 107287.

Early CA, Gilliland MGF, **Kelly KL**, Oliver WR, Kragel PJ. (2019). Autopsy standardized mortality review: A pilot study offering a methodology for improved patient outcomes. *Academic Pathology* 6, 1-6.

Halushka, MK et al. (2016). Consensus statement on surgical pathology of the aorta from the Society for Cardiovascular Pathology and the Association for European Cardiovascular Pathology: II. Noninflammatory degenerative diseases-nomenclature and diagnostic criteria. *Cardiovascular Pathology* 25, 247-257.

Stone, JR et al. (2015). Consensus statement on surgical pathology of the aorta from the

Society for Cardiovascular Pathology and the Association for European Cardiovascular Pathology: I. Inflammatory diseases. *Cardiovascular Pathology* 24, 267-278.

Kelly, K. & Mohiuddin, Y. (2012). Re: Article on Angiocentric Systemic Granulomatosis. *American Journal of Forensic Medicine and Pathology*.

Chugh, S., **Kelly, K. L.**, & Titus, J. L. (2001). Sudden Death in Mitral Valve Prolapse-Response. *Circulation*.

Chugh, S., **Kelly, K.**, & Titus, J. (2000). Sudden Cardiac Death with Apparently Normal Heart. *Circulation*, 102 (6), 649-54.

MacFarlane, G., Sampson, D., Clawson, D., Clawson, C., **Kelly, K.**, MC Herzberg, (1994). Evidence for an Ecto-ATPase on the Cell Wall of Streptococcus sanguis. *Oral Microbiology and Immunology* (9), 180-185.

Block, D., Cruikshank, S., **Kelly, K.**, & Stanley, M. (1991). Teratoma of the Placenta. *International Journal of Ob/Gyn* (34), 377-380.

Herzberg, M., **Brintzenhofe, K.**, & Clawson, C. (1983). ADP-like Platelet Aggregation Generated by Viridans Streptococci Incubated with Exogenous ATP. *Infection and Immunity* (40), 120-125.

Herzberg, M., **Brintzenhofe, K.**, & Clawson, C. (1983). Aggregation of Human Platelets and Adhesion of S. sanguis. *Infection and Immunity* (39), 1457-1469.

Herzberg, M., **Brintzenhofe, K.**, & Clawson, C. (1983). Cell-free Released Components of S. sanguis Inhibit Platelet Aggregation. *Infection and Immunity* (42), 394-401.

Brintzenhofe, K. & Herzberg, M. (1983). Autoaggregation of S.sanguis surface components. *Journal of Dental Research*.

Invited Chapters

Kelly, K. (2014). Cardiac and Vascular Disease, *On Disease: A Modern Approach to Pathology*. McGraw-Hill.

Kelly, K., Titus, J., & Edwards, J. (1993). Pathology of Sudden Apparent Cardiac Death in the Young, In CH Wecht (Ed.), *Legal Medicine* (pp. 49-86).

Refereed Oral Presentations and Abstracts

International

Kelly, KL et al. (2017) *Serious violations of human rights and international law in Gaza 2014*. Oral presentation at the 2017 meeting of the International Association of Forensic Sciences. Toronto, Canada. Platform presentation.

Dai, D, Isler C and **Kelly K.** (2017). *Lethal fetal and neonatal alloimmune thrombocytopenia*. United States and Canadian Academy of Pathology. San Antonio, Texas. Poster presentation.

Early, C et. al. (2017). *A structured autopsy mortality review provides important information for clinical practice improvement*. United and Canadian Academy of Pathology, San Antonio,

Texas. Poster presentation.

National

Davis, FM, Oliver M, **Kelly KL** (2023). Domestic violence-related homicide of women in Eastern North Carolina: A 10-year retrospective study. National Association of Medical Examiners Annual Meeting. San Jose, CA. Oral presentation.

Davis FM, Taylor SM, Johnson CD, **Kelly KL**, Boyer PJ (2023). Deep Sea Diving Death due to Ruptured Arteriovenous Malformation: Role of Medical Examiner System. Poster presentation. American Association of Neuropathologists Annual Meeting, 06/08/2023-06/11/2023, Monterey, CA. J Neuropathol Exp Neurol. 2023, 82, 591, Abstract 245.

Davis FM, Taylor SM, Johnson CD, **Kelly KL**, Boyer PJ (2022). Deep Sea Diving Death due to Ruptured Arteriovenous Malformation: Role of Medical Examiner System. Eastern Carolina Chapter of the Society for Neuroscience, 24th Annual Neuroscience Symposium. Poster presentation.

Kelly KL(2022). Maternal mortality in Eastern North Carolina: A multi-year study. National Association of Medical Examiners Annual Meeting. Dallas, TX. Oral presentation.

Geisel LE, Dai D et al. (2019). *Lethal HPA-5b-associated fetal and neonatal alloimmune thrombocytopenia: Case report and review of the literature*. Society for Maternal-Fetal Medicine, Las Vegas, Nevada. Poster presentation.

Durrett S, Maddipati V, **Kelly K.** (2018). *A study to develop a mucosal injury scoring system relative to the effects of modern tracheal suction practices in intubated patients*. American Thoracic Society, San Diego, California. Poster presentation.

Durrett S. Maddipati V, **Kelly K.** (2018). *Mucosal injury from closed endotracheal suction in the human tracheo-bronchial tree-A necropsy study*. American Thoracic Society, San Diego, California. Poster presentation.

Lopez-Morell L and **Kelly KL.** (2016) *Left-Dominant arrhythmogenic cardiomyopathy*. National Association of Medical Examiners. Minneapolis, Minnesota. Poster presentation.

Cange C and **Kelly KL.** (2015). *Gaza 2014. What did we learn?* American Public Health Association. Chicago, Illinois. Platform presentation.

Gilliland, M. G. & **Kelly, K. L.** (2012). *Lethal Short Falls Can Be Accidental*. American Academy of Forensic Sciences, Atlanta, Georgia. Platform presentation.

Kelly, K., Tetzlaff, D., Titus, J., & Edwards, J. (1994). *Anomalous Origin of Coronary Arteries from the Aorta as a Cause of Sudden Death*. American Academy of Forensic Sciences, San Antonio, Texas. Platform presentation.

Jones, A., **Kelly, K.**, & Lindman, D. (1992). *Results of a 53-month Study of the Individuality of Fingernail Striations in Documented Monozygotic Twins*. American Academy of Forensic Sciences, New Orleans, Louisiana. Platform presentation.

Brintzenhofe, K. & Herzberg, M. (1983). *Autoaggregation of S.sanguis surface components*. Journal of Dental Research, Cincinnati, Ohio. Platform presentation.

Herzberg, M. & **Kelly, K.** (1983). *Platelet aggregating S. sanguis has unique surface determinants.* Journal of Dental Research, Cincinnati, Ohio. Platform presentation.

Herzberg, M. & **Brintzenhofe, K.** (1983). *Exo-ATP-ase-like activity of S. sanguis is wall-associated.* Federation Proceedings, Unknown, Unknown. Platform presentation.

Brintzenhofe, K. & Herzberg, M. (1982). *Ligands of S. sanguis surface components.* Journal of Dental Research, New Orleans, Louisiana. Platform presentation.

Herzberg, M. & **Brintzenhofe, K.** (1982). *S. sanguis phosphatase and platelet aggregation.* Journal of Dental Research, New Orleans, Louisiana. Platform presentation.

Brintzenhofe, K. & Herzberg, M. (1981). *An assay for platelet-bacterial adhesion.* Journal of Dental Research, Chicago, Illinois. Platform presentation.

Herzberg, M. & **Brintzenhofe, K.** (1981). *The adhesion phase of platelet-streptococcal aggregation.* Journal of Dental Research, Chicago, Illinois. Platform presentation.

Regional

David, B and **Kelly KL** (2022). High profile death investigation: No body murder case in Wilmington, NC. Fitting the pieces of the puzzle. EAHEC. Oral presentation.

Kelly KL (2022). Maternal mortality in Eastern North Carolina: A multi-year study. Fitting the pieces of the puzzle. EAHEC. Oral presentation.

Buchanan BB, Awuku J, Butler JR, Beasley KM, Zeches BA, Allen GB, Spears JB, **Kelly KL**, Flood DM, Kennamer K, Kazemzadeh S, Sporn TA, Falls Jr RK, Mahmood A, O'Brien GS, Veeragandham A, Boyer PJ (2022). Virtual Autopsy Experience: A COVID-19 Era Adaptation of a Required Medical School Pathology Curriculum Component North Carolina Association of Family Physicians 2022 Winter Family Physicians Weekend, Asheville, NC, December 1-4, 2022, Greenville, NC. Poster Presentation.

Dai, D, Isler C and **Kelly K.** (2017). *Lethal fetal and neonatal alloimmune thrombocytopenia.* North Carolina Society of Pathology Annual Meeting. Nags Head, North Carolina. Poster presentation.

Liu, S et al. (2017). *Sudden death related to migration of inferior vena cava filter to the heart: 2 cases and review of the literature.* North Carolina Society of Pathology Annual Meeting. Nags Head, North Carolina. Poster presentation.

Local

Boyer PJ, Samia AM, Jo J, Dalyai RT, Martin EM, Williams JM, **Kelly KL**, Lee KS (2023). A 59-Year-Old Man Presenting with Headaches, Visual Changes, and Word Finding Difficulties: Multifocal Cerebral Hemorrhages and Infarcts as an Unusual Presentation of Atrial Myxoma, the Most Common Primary Heart Neoplasm. Clinical Neuroscience Update. Eastern AHEC. Poster Presentation.

Ray AT et al. (2019). *Cardiovascular pathology education optimization and improvement: A critical review of topics and teaching modalities.* 5th Annual Brody Medical Education Day, East Carolina University, April 10, 2019. Platform presentation.

Samia AM et al. *Atrial myxoma presenting with hemorrhage and multifocal infarcts in brain of a 59-year-old man: Uncommon outcome for the most common primary heart neoplasm.* Eastern Carolina Chapter of the Society for Neuroscience, 20th Annual Neuroscience Symposium, October 22, 2018. Greenville, North Carolina. Poster presentation.

Geisel L et al (2019). *Lethal HAP-5b-associated fetal and neonatal alloimmune thrombocytopenia due to intrauterine intracranial hemorrhage during first pregnancy: Case report and review of the literature.* Eastern Carolina Chapter of the Society for Neuroscience, 20th Annual Neuroscience Symposium, October 22, 2018. Greenville, North Carolina. Poster presentation.

Pratson CL et al (2018). *Optimization of medical student cardiovascular pathology education: A critical review of topics and teaching modalities.* 4th Annual Brody Medical Education Day, East Carolina University, March 21, 2018. Platform presentation.

Karr C et al. (2017). *Optimization of medical student cardiovascular pathology in the context of curriculum consolidation: A critical review of topics and teaching modalities.* 3rd Annual Brody Medical Education Day, East Carolina University, April 12, 2017. Poster presentation.

Presentations of Non-Refereed Papers

International

Herzberg, M., **Brintzenhofe, K.**, & MacFarlane, G. (1984). *An ATPase promoter of S. sanguis-induced platelet aggregation.* Bab-Sheva Workshop on the Role of Platelets in Hemostasis and Thrombosis, Rehovot, Israel.

Bachmann, J et al. Gaza 2014: Findings of an independent medical fact-finding mission. 2015.

Papers in Progress

Dai D, Cai Q, Isler CM, Boyer PJ, Kelly KL. Lethal fetal alloimmune thrombocytopenia derived from platelet antigen 5b.

PROFESSIONAL DEVELOPMENT

Bridges Leadership Development, 2020

Physician Leadership Institute IX 2018-present

Placental Pathology-A tour of common and rare pathologies with a focus on clinical relevance 2018.

Graduate Medical Education Professional Development Series (2018-present):

The struggling learner-Guidance for programs

How to integrate faculty development into residency and fellowship education

GME 2.0-Navigating in a new environment

Partnership-better programs

Well-being and resilience in physician education

HONORS/AWARDS

Society for Cardiovascular Pathology, 2009

Student Achievement Award, 1987

Minnesota Medical Foundation Research Group Award, 1986

George E. Williams Scholarship, 1985

INTERNATIONAL INVITED PRESENTATIONS

Forensic Perspective on Sudden Cardiac Death (Natural vs. Unnatural Deaths and SCD in Athletes)- Platform Presentation. United States and Canadian Academy of Pathology, Los Angeles, CA 2020.

"A Tale of Two Tickers: Pre- and Post-Transplant Pathology"-Platform presentation. United States and Canadian Academy of Pathology, Seattle, WA 2016

REGIONAL INVITED PRESENTATIONS

"Fire-related deaths and the autopsy"(2024). Up in Smoke. North Carolina Conference of District Attorneys. Atlantic Beach, NC.

"Firearm Injuries or forensic pathology of firearm injuries for district attorneys"(2023, 2024). The Smoking Gun. North Carolina Conference of District Attorneys. Raleigh, NC.

"The autopsy in two parts" (2023). M is for Murder. North Carolina Conference of District Attorneys. Kitty Hawk, NC.

"The Medical Examiner and Public Health" (2023). Imagine 2023 and Beyond-Taking your laboratories into the Future. October 2023. Greensboro, NC.

"Vicarious Trauma and resilience: A panel discussion"(2018). Annual Fitting the Pieces of the Puzzle, Eastern Regional Medical Examiner Seminar, December 2018.

"The Medical Examiner and Public Health". (2016) Annual Fitting the Pieces of the Puzzle, Eastern Regional Medical Examiner Seminar, December 2016.

"NamUs: Let's get it started in North Carolina". Annual Office of the Chief Medical Examiner Lecture Series. May 2015.

"Elder abuse. Is it abuse or neglect? Can we tell?" Annual Geriatrics seminar: Update in Geriatric Care: Concepts and Practice, October 2014.

"Elder abuse. Is it abuse or neglect? Can we tell?" Onslow County Medical Society continuing medical education, April 2014.

"Elder abuse. Is it abuse or neglect? Can we tell?" Annual Fitting the Pieces of the Puzzle, Eastern Regional Medical Examiner Seminar, December 2013.

"Sudden Cardiac Death: What Do We Look For?" Annual Fitting the Pieces of the Puzzle, Eastern Regional Medical Examiner Seminar, December 2012.

"Mass Fatalities: the Medical Examiners' and Funeral Directors' Roles", Regional Funeral Directors Meeting, 2012.

"Sudden Death in Athletes", Annual University of North Carolina and Office of the Chief Medical Examiner Medicolegal Seminar, June 2010.

IN-HOUSE PRESENTATIONS

Pathology Grand Rounds

“Sudden Death in Athletes”, Pathology Grand Rounds, 2012
“Fetal Death In-utero in a Mother with Poorly-Controlled Class C Diabetes Mellitus”
“Cardiac Amyloidosis”, Pathology Grand Rounds, 2011
“Blunt Aortic Injury”, with pathology resident Babatunde Stokes, Pathology Grand Rounds, 2011

Forensic Journal Club Presentations

Gaza: 2014. What did we learn? No Safe Place.

"Complex suicides by self-incineration". Forensic Science International 131 (2003) 197-201, 2012

"IgG-4-Related Disease" NEJM, 366(6):539-551, 2012

"Pathomorphological staging of subdural hemorrhages: Statistical analysis of posttraumatic histomorphological alterations", 2011

"Preservation of evidence during pediatric organ donation: a modified thoractomy procedure designed to increase consent in medical examiner cases". Progress in Transplantation 21(1), 2011

"Brainstem Serotonergic Deficiency in Sudden Infant Death Syndrome", 2010

"Evolving Molecular Diagnostics for Familial Cardiomyopathies: At the Heart of It All", Expert Rev Mol Diagn. 10(3), 329-351, 2010

Presentations to Other Departments

"Acute Aortic Dissection", Cardiology Fellows Conference, 2013

"Spontaneous Coronary Artery Dissection", Cardiovascular Morbidity and Mortality, 2013

"Tetralogy of Fallot", Pediatric Morbidity and Mortality, 2012

"Atrial Myxomas", Cardiology Fellows Conference, 2012

"Sudden Infant Death and the Medical Examiner", Pediatric Morbidity and Mortality, 2012

"Pathology of Myocarditis" Cardiology Grand Rounds with Dr. William (Chad) Wood, 2011.

