

**DAVID R. FOWLER, MB, CHB. M.MED. PATH.**

**The Forensic Panel**

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**BOARD CERTIFICATION**

American Board of Pathology: Anatomic and Forensic Pathology	1996
Federation Licensing Examination	1992
Educational Commission for Foreign Medical Graduates, Forensic Pathology	1989

**EXPERIENCE**

Office of the Chief Medical Examiner, State of Maryland	
<i>Chief Medical Examiner</i>	2002-2019
<i>Acting Chief Medical Examiner</i>	2001-2002
<i>Deputy Chief Medical Examiner, Statewide Services</i>	2000-2001
<i>Deputy Chief Medicine Examiner, Autopsy Services</i>	1998-2000
<i>Assistant Medical Examiner</i>	1994-1998
<i>Director, Residency Training</i>	2001-2012
<i>Assistant Director, Residency Training</i>	1998-2000
University of Maryland, Baltimore, MD	
School of Medicine	
<i>Clinical Associate Professor, Department of Pathology and Pediatrics</i>	2011-present
<i>Faculty, National Study Center for Trauma and Emergency Medical Systems</i>	2000-present
<i>Clinical Assistant Professor, Department of Pathology and Pediatrics</i>	2004-2010
<i>Clinical Instructor, Department of Pathology and Pediatrics</i>	1997-2004
<i>Resident Monthly Rotation, 1<sup>st</sup> &amp; 2<sup>nd</sup> year residents</i>	1994-present
<i>Forensic Pathology Senior Rotation, 4<sup>th</sup> year medical students</i>	1994-present
<i>Student Rotations, Pathologists' Assistant Program students</i>	1994-present
<i>Sophomore Pathology Teaching, Pathology series, 2<sup>nd</sup> year medical students</i>	1999-2003
School of Pharmacy	
<i>Instructor, 'Death and Bereavement'</i>	1995-present
The Forensic Panel, New York, NY	
<i>Member</i>	2006-present
Peer-reviewed forensic consultation service	
Forensic case consultation, report writing, peer-review of colleagues	
University of Southern California, Los Angeles, CA	
<i>Visiting Professor</i>	2015
China University of Political Science and Law, College of Evidence Science, PR China	
<i>Visiting Professor</i>	2014
Fudan University Shanghai Medical College, Shanghai, PR China	
<i>Visiting Professor</i>	2012

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**EXPERIENCE CONTINUED...**

Tongji Medical College, Wuhan, PR China <i>Visiting Professor</i>	2011
University of Baltimore, Baltimore, MD Yale Gordon College of Liberal Arts <i>Adjunct Professor</i> , Division of Criminology, Criminal Justice & Social Policy <i>Course Director</i> , Division of Criminology, Criminal Justice & Social Policy <i>Course Instructor</i> , Criminal Justice Program	2002-2008 2002-2008 2000-2008
Shanghai Key Laboratory of Forensic Medicine, Institute of Forensic Sciences, Ministry of Justice, PR China <i>Visiting Professor</i>	2010
Armed Forces Institute of Pathology, Washington, DC <i>Faculty</i> <i>Forensic Pathology Rotation</i> , Residents	2006-2010 1994-present
Wuhan University, Wuhan, PR China <i>Visiting Professor</i>	2007-2010
Tongji Medical College, Wuhan, PR China <i>Visiting Professor</i>	2003
Harvard Associates in Police Science, Baltimore, MD <i>Program Director</i> , Seminar	2001-present
Johns Hopkins University, Baltimore, MD <i>Forensic Pathology Elective</i> , 4 <sup>th</sup> year medical students	1994-present
Washington Hospital Center, Washington, DC <i>Forensic Pathology Rotation</i> , 2 <sup>nd</sup> & 3 <sup>rd</sup> year residents	1994-present
United States Armed Forces, Department of the Navy, Bethesda, MD <i>Navy Medical Trainees</i>	1994-present
University of Cape Town, Cape Town, South Africa <i>Lecturer</i> , Department of Forensic Pathology	1986-1991

**GRANTS**

Maryland Department of Transportation, State Highway Administration <i>Principal Investigator</i> , Data Sharing Program & Traffic Fatality Data Liaison	2003-2011
National Institute of Child Health and Human Development, NIH <i>Co-Principal Investigator</i> , Maternal Microchemist: A Cause of Insulin-Dependent Diabetes Mellitus (Principal Investigator Ling Li, M.D.)	2002-2004

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**GRANTS CONTINUED...**

Maryland Infant and Child Loss Center <i>Co-Principal Investigator, Bed Sharing and Sudden Infant Death</i>	2002-2004
Maryland Infant and Child Loss Center <i>Co-Principal Investigator, The Fatty Acid Metabolic Disorders and Sudden Infant Death</i> (Principal Investigator Ling Li, M.D.)	2003-2004
Maryland Infant and Child Loss Center <i>Co-Principal Investigator, Investigation of Infant Fatalities in Maryland 1990-2001</i> (Principal Investigator Ling Li, M.D.)	2000-2002

**PROFESSIONAL MEMBERSHIPS**

<i>Fellow, National Association of Medical Examiners</i>	1997-present
<i>Fellow, American Academy of Forensic Science</i>	1997-present
<i>Honorary Member, Harvard Associates in Police Science</i>	2001-present
<i>Fellow, College of American Pathologists</i>	2002-present

**PROFESSIONAL SERVICES**

<i>Member, Forensic Sciences Standards Board</i>	2017-present
<i>Editorial Board, Journal of Forensic Radiology and Imaging</i>	2012-present
<i>Executive Committee, NAME</i>	2011-present
<i>Board Member, NAME</i>	2011-present
<i>Board Member, Maryland Medical Legal Foundation, Inc., Baltimore</i>	2006-present
<i>Member, NAME International Affairs Committee</i>	2005-present
<i>Member, NAME Strategic Planning Committee</i>	2005-present
<i>Chair, NAME Accreditation Committee</i>	2003-present
<i>Editorial Board, The American Journal of Forensic Medicine and Pathology</i>	2003-present
<i>Medicolegal Advisor, Harvard Associates in Police Science</i>	2001-present
<i>Member, Graduate Education Committee, OCME</i>	1999-present
<i>Member, Medicolegal Death Investigation, Organization of Scientific Area Committees</i>	2015-2017
<i>Chairman, Board of NAME</i>	2016
<i>President, NAME</i>	2015
<i>Vice President, NAME</i>	2014
<i>Member, Nominating Committee NAME</i>	2013
<i>Chair, NAME Annual Conference</i>	2012
<i>Member, White House Science and Technology Committee</i>	2010-2012
<i>Member, Maryland State EMS Board</i>	2002-2010
<i>Member, Maryland State Child Fatality Review Team</i>	1999-2009
<i>Member, Maryland State Child Fatality Review Data Committee</i>	1999-2009
<i>Member, Baltimore Regional Operations Center Committee</i>	1999-2006
<i>Member, Coordinated Highways Action Response Team</i>	1999-2005
<i>Member, Drug Early Warning System Action Team</i>	1999-2005
<i>Member, Mass Fatality Working Group, US Army Soldier and Biological Chemical Command</i>	1999-2002
<i>Subcommittee member, Evidence Processing Subcommittee</i>	2000
<i>Member, Baltimore Child Fatality Review Team, Baltimore City Health Department</i>	2001

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**PROFESSIONAL SERVICES CONTINUED...**

<i>Member</i> , Governor's Task Force on Forensic Sciences	2001
<i>Member</i> , Ad Hoc Committee Support Subgroup, Biological and Chemical Terrorism, NAME	2001
<i>Member</i> , Justice Act for Children Committee	2001
<i>Member</i> , Network of Death Investigation Affairs, NAME	2000
<i>Member</i> , Public Health Focus Group, Department of Health and Mental Hygiene	1999
<i>Member</i> , Board of the Faculty of Medicine, University of Cape Town	1990-1991
<i>Member</i> , Residency Committee, University of Cape Town	1987-1991
<i>Member</i> , Residency Advisory Committee, University of Cape Town	1989-1990
<i>Advisory Member</i> , Student Health Committee, University of Cape Town	1990
<i>Intern Representative</i> , Victoria Hospital Board	1984

**PRESENTATIONS**

Organized Crime Drug Enforcement Task Force Regional Panel Meeting on Opioids South Carolina Prosecuting Opioid Deaths	2018
Maryland Funeral Directors Association Annual Conference, Ocean City, MD 'Office of the Chief Medical Examiner Update'	2001-2016
University of Southern California 'The Multifactorial Role of the Medical Examiner in Protecting the Public's Health and Safety'	2015
Annual Suicide Prevention Conference 'Overview of the Medical Examiner'	2011-2014
American Academy of Forensic Sciences Annual Meeting, Washington, DC Workshop, 'Forensic Radiology and Imaging' 'Pseudo Searing of the Skin Around Contact Gunshot Wounds' 'Death Due to Excited Delirium Associated with Synthetic Marijuana Use: A Review of Two Recent Cases' 'Using Interpolation to Estimating Postmortem Interval on the Condition of Various Ambient Temperature'	Feb 2013
Radiological Society of North America Annual Meeting, Chicago, IL 'Radiology Conversations Between the Radiologist and Forensic Pathologist'	Nov 2012
International Society of Forensic Radiology and Imaging Meeting, Zurich, Switzerland 'The Maryland Forensic Imaging Experience'	May 2012

**PRESENTATIONS CONTINUED...**

National Association of Medical Examiner's Meeting, Baltimore, MD	Oct 2012
'DNA Analysis of Spermatozoa Recovered from the Gastric Contents of a Homicide Victim Identifies Assailant'	
'The Role of the Medical Examiner's Office in the Development of Regulations to Ban the Sale of Crib Bumpers in the State of Maryland'	
'Then and Now: Technology Trends in Forensic Medicine'	
'A Collaborative Approach Between the Maryland OCME's Office and the Living Legacy Foundation to Increase Opportunities for Tissue Donation'	
'The Threat of the Gang Life: Reporting Potential Gang Association'	
'Miniature Models to Mock Crime Scenes: Utilizing Alternative Training Methods'	
'The Importance of Scene Findings in the Investigation of Accidental Deaths Due to Inhalation of Ethyl Chloride'	
'Natural Causes of Sudden Infant Deaths in Hubei, China'	
American Academy of Forensic Sciences Meeting, Atlanta, GA	Feb 2012
'Logistic Challenges in the Initiation and Development of a Forensic Computed Tomography Scanning Service at a United States Medical Examiner's Office'	
'Overview of Clinical Forensic Medicine in Beijing, China'	
'Anaphylaxis after the Injection of Buprenorphine'	
'Characteristics of Medical Examiner/Coroner Offices Currently Accredited by the National Association of Medical Examiners'	
'Methylenedioxypropylvalerone ("Bath Salts") Related Death: Case Report and Review of the Literature'	
People's Republic of China	2012
'Overview of Death Investigation in Maryland'	
Armed Forces Institute of Pathology, Washington, DC	2008-2012
Basic Course in Forensic Pathology Mass Fatality Preparation	
New Jersey State Police	2005-2012
Advanced Homicide Seminar	
Radiological Society of North America Annual Meeting, Chicago, IL	Nov 2011
'Radiology Conversations Between the Radiologist and Forensic Pathologist'	
American Academy of Forensic Sciences Meeting, Chicago, IL	Feb 2011
'The Use Raman Spectroscopic Imaging in Cases of Ethylene Glycol Toxicity'	
Radiological Society of North America Annual Meeting, Chicago, IL	Dec 2010
'Utility of Whole-Body Post Mortem Computed Tomography Imaging in Detection Of Elder Abuse and Neglect: Comparison with and Potential Substitution for Standard Autopsy'	
'Radiology Conversations between the Radiologist and Forensic Pathologist'	Nov 2010

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**PRESENTATIONS CONTINUED...**

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| American Academy of Forensic Sciences Meeting, Seattle, WA   | Feb 2010  |
| 'Investigation and Autopsy Procedures in Cases Involving Conducted Energy Devices (CEDs) in the State of Maryland'   |           |
| 'Natural Causes of Sudden Unexpected Infant Death: a 7-Year Retrospective Forensic Autopsy Study in Hubei China'   |           |
| 'Fatal Caffeine Intoxication: a Series of Eight Cases from 1999-2009'  |           |
| 'Temporal Variation of Alcohol Related Firearm Deaths'   |           |
| 'Axonal Injury in Young Pediatric Head Trauma: A Comparison Study of $\beta$ -amyloid Precursor Protein A( $\beta$ -APP) Immunohistochemical Staining in Traumatic and Non-Traumatic Deaths' |           |
| White House Science and Technology Committee, Interagency Workgroup on Inspection and Accreditation, Washington, DC  | 2010      |
| 'Overview of Medical Examiner Systems in the U.S. and the Role of Accreditation'   |           |
| The John Hopkins Bloomberg School of Public Health Injury Prevention Center, Summer Institute  | 2001-2010 |
| <i>Lecture</i> 'The Biomechanics of Injury'  |           |
| <i>Lecture</i> 'Overview of the Medical Examiner System'   |           |
| FBI Academy Death Investigation Program, National Academy, Quantico, VA  | 2001-2010 |
| <i>Lecture</i> , 'Sudden Infant Death and Child Abuse'   |           |
| International Conference on Evidence Law and Forensic Science, Beijing, China  | Jul 2009  |
| 'Investigation and Autopsy Procedures in Cases Involving Conducted Energy Devices (CEDs) in the State of Maryland'   |           |
| American Academy of Forensic Sciences National Meeting, Denver, CO   | Feb 2009  |
| 'Ephemeral Petechial-Like Spots in a Victim of a House Fire'   |           |
| 'CT Autopsy Imaging in the State Medical Examiner Setting: Logistic Issues, Techniques, Findings, and Potential'   |           |
| 'Prolonged Survival Time Following Duodenal Transection in a Child with Abdominal Trauma'  |           |
| International Forensic Science Meeting, New Orleans, LA  | Jul 2008  |
| 'Sudden Unexpected Infant Deaths in Maryland: Implications for Future Prevention'  |           |
| 'Deaths from Methadone Use among Teenagers in Maryland during 1991-2006'   |           |
| American Academy of Forensic Sciences Meeting, Washington, D.C.  | Feb 2008  |
| 'Preliminary Study and Potential Role of CT Imaging Autopsy in the Investigation of Death Due to Accidental Blunt Trauma'  |           |
| 'Pattern of Drug Abuse Fatalities in Teenagers'  |           |
| <i>Workshop Co-chair</i> , 'Forensic Radiology'  |           |
| Fudan University, Shanghai, People's Republic of China   | 2008      |
| <i>Seminar Series</i> , 'Forensic Pathology'   |           |
| Maryland Public Defenders Office Annual Conference   | 2008      |
| 'OCME Policies and Practices'  |           |

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**PRESENTATIONS CONTINUED...**

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| Society of Forensic Toxicologists Meeting, Durham, NC<br>‘Metabolism and Destruction of Strychnine in a Fatal Intoxication’<br>‘Age-Related Differences in Blood Alcohol Concentration in Acute Alcohol Intoxication Fatalities’   | Oct 2007  |
| National Association of Medical Examiners Meeting, Savannah, GA<br>‘Two Cases of Industrial Mulch Spreader/Bark Blower Fatalities in Maryland and Florida: Description and Investigation by the National Institute for Occupational Safety and Health (NIOSH) Fatality Assessment and Control Evaluation (FACE)’<br>‘Compressional Asphyxia of a Two Year Old by a Dresser: Autopsy, Investigation, and Legal Disposition’<br>‘Non-Traumatic Sports Related Deaths in the State of Maryland from 2003-2006’<br>‘Evaluation of a Staged Homicide and Staged Suicide’<br>‘Investigative Findings in a Serial Murder Case in Baltimore, Maryland’<br>‘Cause of Death in Autopsy Patients: A Forensic Autopsy Study’ | Oct 2007  |
| American Academy of Forensic Sciences Meeting, San Antonio, TX<br>‘Non-Traumatic Homicide Following Assault: 16 Cases – A Review of Investigation, Pathology, Toxicology, and Judicial Outcome’<br>‘Open Fractures in Pediatrics Mimics Gunshot Wounds’<br>‘Exsanguination Associated with Vascular Access Sites in Hemodialysis Patients’<br>‘Prevalence of Diltiazem in Cocaine-Positive Postmortem Cases in Maryland’<br>‘Weight That Kills: Adults with Natural Deaths are Heavier than those Dying Non-Naturally; A Cross Sectional Study’  | Feb 2007  |
| American Academy of Forensic Sciences Meeting, San Antonio, TX<br>‘Alcohol, Drugs, and Homicide’   | Feb 2007  |
| Society of Forensic Toxicologists Meeting, Austin, TX<br>‘Distribution of Phencyclidine (PCP) Into Vitreous Humor’<br>‘Case Report: A Meclizine Antivert® Related Death’   | Aug 2006  |
| National Association of Medical Examiners Meeting, San Antonio, TX<br>‘The ‘Choking Game’ Enhancing Investigations of Asphyxial Deaths’  | Oct 2006  |
| American Academy of Forensic Sciences Meeting, Seattle, WA<br>‘Absence of Elevated Carboxyhemoglobin Following Inhalation of Automobile Exhaust’<br>‘Antemortem and Postmortem Toxicological Findings in Motor Vehicle Accidents, Maryland (2003-2004) Does Impairment Equal Death?’<br>‘Death in Custody: A Historical Analysis’<br>‘Neuropathology of Pre-Teen Homicides in the State of Maryland: 1994-2004’<br>‘Methadone Deaths Are on the Increase in Maryland (1998-2004)’<br>‘A Demographic Analysis of Youth and Teen Suicides in Maryland (1994-2003)’   | Feb 2006  |
| Annual Fetal and Maternal Health Conference, Department of Health and Mental Hygiene<br>‘Pediatric Death Investigation’  | 2005-2006 |

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| American Academy of Forensic Sciences Meeting, New Orleans, LA<br>'Autopsy Findings in Hypothermia: A Five-Year Retrospective Study'<br>'Peripheral Venous Large Caliber Bullet Embolism to the Heart'<br>'Analytical Electron Microscopic Detection of Aluminum Received Intravenously'<br>'Heightened Awareness of Bioterrorism: Three Cases of Unusual Skin Lesions'<br>'Fatal Dog Mauling Associated with Infant Swings' | Feb 2005 |
| Tongji Medical School, Wuhan, People's Republic of China<br><i>Seminar Series, 'Forensic Pathology'</i>  | 2005     |
| University of Maryland, Baltimore, MD<br>'Autopsy Procedure and Findings in a Case of Inhalational Anthrax'<br>'Mass Fatality Management, A proactive Approach'<br>'Autopsy Procedure and Findings in a Case of Inhalational Anthrax'  | Sep 2004 |
| American Academy of Forensic Sciences Meeting, Dallas, TX<br>'Cardiac Sarcoidosis and Sudden Death'<br>'Police Custody Deaths in the State of Maryland: Passing the Torch'   | Feb 2004 |
| University of Cape Town, Cape Town, South Africa<br>'Maryland Medical Examiners System: Statues, Protocols, and Administration'  | 2004     |
| National Association of Medical Examiners Meeting, San Jose, CA<br>'Sudden Death Following Recreational Activity in Marfan's Syndrome'<br>'Cardiovascular Pathology in Sudden Death among Anabolic Steroid Users'<br>'Ephedra: A Series of 16 Deaths in Men and Women Using Anorexigens'<br>'Anomalous Coronary Arteries and Sudden Death in Athletes'   | Sep 2003 |
| 55th American Academy of Forensic Sciences Meeting, Chicago, IL<br>'Interpretation of Postmortem Diphenhydramine Concentrations'   | 2003     |
| 33rd Society of Forensic Toxicologists Meeting, Portland, OR<br>'An Unusual Loxapine Intoxication'   | 2003     |
| National Association of Medical Examiners Meeting, Shreveport, LA<br>'Drug-Related Deaths of Youths in Maryland'   | Oct 2002 |
| National Association of Medical Examiners Meeting, Shreveport, LA<br>'Drug-Related Deaths of Youths in Maryland'   | Sep 2002 |
| Howard County Community College, Basic Criminal Investigation Seminar, Columbia, MD<br>'Time of Death, Sharp and Blunt force and Gunshot Wounds'   | Apr 2002 |
| International Law Enforcement Agency (ILEA) Medical Examiner System, Budapest, Hungary<br>'Sharp and Blunt Force Injuries and Gunshot Wounds'  | Apr 2002 |

**PRESENTATIONS CONTINUED...**

American Academy of Forensic Sciences, Chicago, IL ‘Investigation of Infant Fatalities in Maryland (1990-1999)’ ‘Basketball-Related Sudden Deaths in Young Adults: A Medical Examiner Study’ ‘Interpretation of Postmortem Diphenhydramine Concentrations’ ‘Autopsy Procedure and Findings in a Case of Inhalational Anthrax’ ‘Diabetic Ketoacidosis – A Silent Death’ ‘Coins as Intermediate Targets: Reconstructive Analysis with Body Models’ ‘Fatal Ethylene Glycol Intoxication in the State of Maryland for the Last Seven Years’ ‘Bilateral Perforation of the Tympanic Membranes in a Tornado Victim: An Under-Reported Injury?’	Feb 2002
University of Maryland, Department of Pathology ‘Death Certification, Practical Issues and Pitfalls’	Feb 2002
Health Officers Round Table: The OCME and Mass Fatality Planning ‘Practical Issues for Health Officers’	Feb 2002
American Academy of Forensic Sciences, Atlanta, GA ‘The Changing Faces of the Medico-Legal Autopsies’	Feb 2002
Frederick Memorial Hospital Grand Rounds ‘The Role of the Medical Examiner in Death Investigation and Death Certification’	Jan 2002
The John Hopkins Hospital Emergency Medicine Department Grand Rounds ‘An Overview of Forensic Pathology and Wound Patterns’	2002
54 <sup>th</sup> American Academy of Forensic Sciences Meeting, Atlanta, GA ‘A Review of Postmortem Diltiazem Concentrations’ ‘Oxycodone (OxyContin) Related Deaths in Maryland 1998-2000’	2002
The Governor’s 8 <sup>th</sup> Annual Conference on Child Abuse and Neglect, Baltimore, MD ‘The Role of the Medical Examiner’s Office in Child Fatality Reviews’	2002
Georgia Society of Pathologists, Brunswick, GA <i>Seminar</i> , ‘Weapons of Mass Destruction’	2002
2 <sup>nd</sup> Annual Decontamination/Weapons of Mass Destruction Symposium, College Park, MD ‘Mass Fatality Planning and Decontamination’	Sep 2001
Baltimore Region Multi-Agency Traffic Incident Management Conference	Sep 2001
Training Seminar on Death Investigation and Major Assaults, Charlotte Hall, MD ‘The Role of the Medical Examiner in the Team Approach to Death Investigation’	Apr 2001

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**PRESENTATIONS CONTINUED...**

American Academy of Forensic Sciences, Seattle, WA 'Overview of Adolescent Suicide Cases in Maryland During a Five-Year Period (1995-1999)' 'Suicide by Explosive Substances' 'MDMA (Ecstasy) Related Deaths in Maryland 1997-2000' 'Patterns of Injury Associated Wearing of Body Armor in Subjects Involved in Motor Vehicle Accidents'	Feb 2001
Improved Response Program Chemical Demilitarization Facility, Aberdeen Proving Grounds, MD 'US Army Soldier and Biological Chemical Command and Biological Weapons'	Jan 2001
The Governor's 8 <sup>th</sup> Annual Conference on Child Abuse and Neglect, Baltimore, MD 'The Role of the Medical Examiner's Office in Child Fatality Reviews'	2001
St. Mary's County States Attorney Office, Training Seminar on Death Investigation and Major Assaults, Charlotte Hall, MD 'The Role of the Medical Examiner in the Team Approach to Death Investigation'	2001
The Modular Emergency Medical System Concept Development Conference	2001
2 <sup>nd</sup> Annual Public Information Officer Anti-Terrorism Symposium, MD	Nov 2000
National Public Defenders Annual Conference, Baltimore, MD 'Causes of Death: Anatomic and Physiological Considerations'	Mar 2000
American Academy of Forensic Sciences, Reno, NV 'Weapons of Mass Destruction Preparedness: Practical Considerations' 'Evaluation of Aortic Injury in Driver Fatalities Occurring in Motor Vehicle Accidents' 'Seizure Disorder as a Cause of Death in Maryland'	Feb 2000
Leadership Associates 'An Overview of Basic Forensic Pathology and the Medical Examiner'	2000
FBI Academy, Quantico, VA <i>Course, 'Advanced Ballistics'</i>	2000
Baltimore City Police Department Lecture Series, Baltimore, VA 'Forensic Pathology and Death Investigation'	2000
State Police Academy, Pikesville State Police Barracks 'Forensic Pathology and Death Investigation'	2000
Easton Memorial Hospital, Shore Health Systems 'The Role of the Medical Examiner in Death Investigation and Death Certification'	2000
Bioterrorism Conference, Harbor Hospital Conference Center 'Who Ya Gonna Call?'	Dec 1999

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**PRESENTATIONS CONTINUED...**

The 1999 Environmental Safety Seminar, Omni Hotel, Baltimore, VA Conference Expert Participant	Nov 1999
Annual Meeting, Maryland Funeral Directors Association Part 1: 'The Medical Examiner and the Team Approach to Death Investigation' Part 11: 'Chemical weapon Fatality Management and The Funeral Director, Maryland's Approach'	Sep 1999
Maryland Emergency Management Agency (MEMA), Dunes Manor Hotel, Ocean City, MD 'Mass Fatality Preparation at the Office of Chief Medical Examiner'	May 1999
American Academy of Forensic Sciences, Orlando, FL 'Quantification of the Force Required Fracturing the Human Hyoid/Thyroid Complex' 'Homicide in the Kitchen: Three Unusual Cases of Blunt and Sharp Force Injury' 'Understanding and Preventing "Accidental" Child Deaths'	Feb 1999
Harbor Hospital Conference Center, Baltimore City Health Department, Baltimore, MD 'Response to a Biological Weapon of Mass Destruction Incident'	Jun 1999
Alcohol Tobacco and Firearm Agency, Federal Law Enforcement Training Facility, Brunswick, GA 'The Pathology of Explosive Injuries'	1999
Leadership Associates 'An Overview of Basic Forensic Pathology and the Medical Examiner'	1999
Johns Hopkins Hospital, Department of Pediatric Trauma, Baltimore, MD 'Biomechanics of Motor Vehicle Collisions and Pediatric Cervical Spinal Cord Trauma'	1999
Maryland Criminal Defense Attorneys Association, MD 'Gunshot Wounds and Basic Ballistics'	1999
Maryland Public Defenders Office, Montgomery County, MD 'Gunshot Wounds and Basic Ballistics'	1999
Anne Arundel County Police Department, Annapolis, MD 'An Overview of Basic Forensic Pathology and the Medical Examiner'	1999
Public Health Focus Group, Public Health Section 'The Office of the Chief Medical Examiner Mass Fatality Incident Plan'	1999
Public Health Focus Group, Hospitals and Emergency Medical Services Section 'The Office of the Chief Medical Examiner Mass Fatality Incident Plan'	1999
National Association of Medical Examiners, Albuquerque, NM 'Hypothermia Caused and Related Deaths in the State of Maryland' 'Medical Examiner Computer Network 101' 'Restrained Driver Injury Patterns in Fatal Motor Vehicle Collisions'	Nov 1998

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**PRESENTATIONS CONTINUED...**

National Association of Medical Examiners, Albuquerque, NM 'Hypothermia Caused and Related Deaths in the State of Maryland' 'Restrained Driver Injury Patterns in Fatal Motor Vehicle Collisions' 'Medical Examiner Computer Network 101'	Oct 1998
Johns Hopkins Hospital, Department of Pediatric Trauma, Baltimore, MD 'Gunshot Wounds and Basic Ballistics'	Apr 1998
Howard County Circuit Court (Inns of Court) 'Basic Forensic Medicine'	1998
Leadership Associates 'An Overview of Basic Forensic Pathology and the Medical Examiner'	1998
Maryland Society of Pathologists, MD 'The Biomechanics of Motor Vehicle Injuries'	1997
Medical College of Georgia, Department of Pathology, Augusta, GA 'Gunshot Wounds and Basic Ballistics'	1996
American Academy of Forensic Sciences, Nashville, TN 'Endotoxin in Abdominal Trauma'	1996
American Academy of Forensic Sciences, San Antonio, TX 'Pediatric Spinal Cord Injury in Motor Vehicle Accidents'	1994

**PUBLICATIONS**

- Use of Dual-Energy Coronary Computed Tomography for Evaluation of Necrotic Core in Patients with Sudden Cardiac Death** Dwivedi A, Lin F, Rizvi A, Stuijzand W, Lee J, Han D, Park M, Roudsari H, DiFranco A, Yahagi K, Torii S, Kutys R, Jones E, Pena J, Al'Aref S, Eagle M, Jackson D, Fowler D, Earls J, Min J, Virmani R, *Journal of the American College of Cardiology*, Vol. 71 (11), 2018
- Estimating Sex Using Metric Analysis of the Scapula by Postmortem Computed Tomography** Ali Z, Cox C, Stock M, vanRilland E, Rubio A, Fowler D, *Journal of Forensic Sciences*, 2018
- Very Late Pathological Responses to Cobalt-Chromium Everolimus-Eluting, Stainless Steel Sirolimus-Eluting, and Cobalt-Chromium in Humans** Mori H, Atmakuri D, Torii S, Braumann R, Smith S, Jinnouchi H, Gupta A, Harari E, Shkullaku M, Kutys R, Fowler D, Romero M, Virmani R, Finn A, *Journal of the American Heart Association*, Vol. 6 (11), 2017
- Quantitative Measurement of Coronary Intra-Plaque Necrotic Core by Coronary CT Angiography in Victims of Autopsy-Proven Sudden Coronary Death: A Comparison to a Histologic Reference Standard** Han D, Lin F, Lee J, Rizvi A, Park M, Roudsari H, Baskaran L, Gransar H, Beecy A, Anchouche K, Al'Aref S, Yahagi K, Torii S, Hartaigh B, Park H, Lee S, Kutys R, Fowler D, Earls J, Pena J, Chang H, Min J, Virmani R, *Journal of the American College of Cardiology*, Vol. 69 (11), 2017

**PUBLICATIONS CONTINUED...**

- Dual-Energy Coronary Computed Tomography Evaluation of High-Risk Atherosclerotic Plaque in Sudden Cardiac Death Patients: Validation with Histopathologic Gold Standard** Rizvi A, Lin F, Hartaigh B, Lee J, Han D, Lu Y, Park M, Roudsari H, Al'Aref S, Beecy A, Anchouche K, Yahagi K, Torii S, Fowler D, Kutys R, Earls J, Pena J, Min J, Virmani R, *Journal of the American College of Cardiology*, Vol. 69 (11), 2017
- Optimal Method for Necrotic Core Identification in Coronary Plaque with Dual-Energy Computed Tomography: Material Decomposition and Atomic Number** Roudsari H, Lin F, Hartaigh B, Rizvi A, Lee J, Han D, Park M, Lu Y, Al'Aref S, Anchouche K, Beecy A, Yahagi K, Torii S, Fowler D, Kutys R, Earls J, Pena J, Min J, Virmani R, *Journal of the American College of Cardiology*, Vol. 69 (11), 2017
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