

JOHN C. HUNSAKER III, M.D., J.D., M.A.

CURRICULUM VITAE

PERSONAL

Citizenship: USA *Children:* John IV
(Age 50)

Marital Status: Married (Annette)

Home Address: 2712 Woodlawn Way
Lexington, KY 40511-8791
Phone: 502/321-0238

Business: Office of the Associate Chief Medical Examiner [ret. 11-2015]
University of Kentucky College of Medicine
Department of Pathology and Laboratory Medicine
Telephone: 502/321-0238
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john.hunsakeriii@uky.edu

Employment • Associate Chief Medical Examiner (2-1983-6-1998; 7- 2005-11- 2015)

Titles: Deputy Medical Examiner (7-1998-6-2005)
Division of Kentucky State Medical Examiner's Services
Kentucky Justice and Public Safety Cabinet

• Director, Division of Forensic Pathology (7-1996-11-2015)
UK Department of Pathology and Laboratory Medicine

• Forensic Consultant UK Path/Lab Med (effective 1-2016)

EDUCATION

1960-1964 Yale College, New Haven, Connecticut
B.A. (German Language & Literature), 6- 1964

1964-1967 University of Kentucky, College of Law,
Lexington, Kentucky, **J.D.**, 5-1967

1970-1972 University of Kentucky, Graduate School,
Lexington, Kentucky, **M.A.** (German Language
& Literature), 7- 1974

1973-1977 University of Kentucky, College of Medicine,
Lexington, Kentucky, **M.D.**, 5-1977

EDUCATION – CONTINUED

- 1977-1981** Department of Pathology, University of Kentucky
College of Medicine, Lexington, Kentucky
Internship and Residency
Anatomic Pathology and Clinical Pathology
- 1981-1982** Office of the Chief Medical Examiner, Washington, D.C.
Fellow
Forensic Pathology

MILITARY SERVICE

- 1968-1969** Legal Advisor, 66th Military Intelligence Group,
United States Army, Munich, West Germany

AWARDS

- 1960** City/Suburban High School All Star Baseball Game, Wrigley
Field, Chicago, Illinois
- 1964** Most Valuable Player, Yale University Baseball
- 1969** Army Commendation Medal, 66th MI Group, US Army, Munich
Germany
- 1971** Delta Phi Alpha, German Honors Society
- 1977** Behavioral Science Book Award, University of Kentucky
College of Medicine (Manuscript: *Retroental
Fibroplasia — Medicolegal Issues*)
- 2008** David Wolf Award for Excellence, Kentucky Coroners'
Association

SOCIETIES

- Member*, Kentucky Bar Association, 9-1967-Present (inactive)
Member, Lexington Med. Society; KY, and American Med. Associations, 9-1980-
Present
Member, Mid Atlantic Forensic Pathology Association, 7-1981-2-1983
Fellow, American College of Legal Medicine, 6-1977-Present
Member, American Society of Law, Medicine & Ethics, 7-1986-Present

Fellow, American Society for Clinical Pathology [formerly, of Clinical Pathologists], 7-1981- Present

Fellow, College of American Pathologists, 7-1981-Present

Member, Kentucky Society of Pathologists, 7-1987-Present

Fellow, American Academy of Forensic Sciences, 2-1989-Present

Fellow (Bylaws as of 2007); , National Association of Medical Examiners, 7-1984-Present

Member, Southern Medical Association, 7-1989-Present (inactive)

Fellow, American Board of Forensic Examiners, 7-1996-Present

FOREIGN LANGUAGE PROFICIENCY German

LEGAL LICENSURE Kentucky, ID# 3471 9-1967-Present (inactive, retired 2016)

MEDICAL LICENSURE Kentucky, #19600 5-1978-Present

Washington, D.C. #12745 (inactive) 7-1981-1983

HONORARY/SOCIAL SOCIETIES

10-1962 Beta Theta Pi, Social Fraternity, Yale College

10-1964 Phi Alpha Delta, Legal Social Society, University of Kentucky College of Law

9-1971 University of Kentucky College of Law Alumni Association

9-1980 University of Kentucky College of Medicine Alumni Association

BOARD CERTIFICATION

Diplomate, American Board of Pathology

Anatomic and Clinical Pathology, May, 1981

Forensic Pathology, May, 1982

Diplomate, National Board of Medical Examiners, May, 1978

Diplomate, American Board of Forensic Examiners

September, 1996

Diplomate, American Board of Forensic Medicine

November, 1996

FACULTY APPOINTMENTS

Clinical Assistant Professor, Department of Pathology, Schools of Medicine and Dentistry, The Medical Center, Georgetown University, Washington, D.C., effective: July 1, 1982.

Assistant Professor, Department of Pathology, University of Kentucky College of Medicine, effective: February 15, 1983 to June 30, 1989.

Associate Professor, Department of Pathology and Laboratory Medicine, University of Kentucky College of Medicine, Lexington, Kentucky, effective: July 1, 1989 to June 30, 2002.

Adjunct Assistant Professor of Pathology, University of Louisville School of Medicine, Louisville, Kentucky, effective: May 1, 1987.

Associate of the Sanders-Brown Center on Aging, University of Kentucky, Lexington, Kentucky, effective: July 1, 1990.

Interdisciplinary Fellow, University of Kentucky College of Law, effective: September, 2001

Joint Appointment: Professor, Graduate Center for Toxicology, University of Kentucky Medical College of Medicine, Lexington, Kentucky, effective: January 22, 2002 to November 30, 2015.

Professor, with tenure, Department of Pathology and Laboratory Medicine, University of Kentucky College of Medicine, Lexington, Kentucky, effective: July 1, 2002 to November 30, 2015 [date of retirement]; currently Emeritus.

COMMITTEES AND OFFICES

UNIVERSITY of KENTUCKY

- Member, Chancellor's Periodic Rev Committee for Col of Law, 3-6-1992

UNIVERSITY of KENTUCKY HOSPITAL

- Member, Interdepartmental Trauma Quality Assurance Committee, 5-1993-11-2001.

UNIVERSITY of KENTUCKY COLLEGE of MEDICINE

- Member, Scholarship Committee, University of Kentucky College of Medicine, 7-1987-6-1990.
- Class Representative, 1977, U of KY College of Medicine Alumni Association, Jul 2000-Jun 2003; Jun 2008-present

DEPARTMENT of PATHOLOGY and LABORATORY MEDICINE

- Member, Executive Committee, Mar 1996-Jul 2012.
- Director, Division of Forensic Pathology, Mar1996-Present.
- Member, Finance Group, Departmental Retreat, Mar 1998.
- Member, Service Group, Departmental Strategic Planning Process, Mar1998- Jun 99.
- Discussant, Introduction to Pathology, PAT 823, Jul 2000-Jun 2001.

LOCAL/REGIONAL MEDICAL ORGANIZATIONS

- Member, Coroner Liaison Committee, Lexington Medical Society, May 1989-Jun 2002.
- Member, Search Committee for Forensic Toxicologist, KY Justice Cabinet, May 200

NATIONAL FORENSIC ORGANIZATIONS

- Chair, Pathology/Biology Awards Committee, Am. Acad. Forensic Sci., 1-1995-6-99.

- Member, Standards, Inspection and Accreditation Committee, Nat. Assoc. of Medical Examiners, Jan 1997- Jun 2007.
- Member, Subcommittee on Awards, National Association of Medical Examiners, 1-1997-12-2003.
- Member, Board of Directors, National Assoc. of Medical Examiners, 1-2000-12-2004.
- Member, Ad Hoc Committee on Advocacy Issues, National Association of Medical Examiners, Jan 2000-Dec 2004.
- Program Co-Chair, Pathology/Biology Section, Annual Meeting of the American Academy of Forensic Sciences, Atlanta, GA, February, 2002
- Co-Liaison with the American Bar Association, National Association of Medical Examiners, Feb 2002- Dec 2008
- Member, Bylaws Committee, Nat. Assoc. of Medical Examiners, Nov 2002-Sep 2007.
- Member, Standards Committee, National Assoc. of Med. Examiners, 9-2003-9-2008.
- Chair (Feb 2004-Feb 05), Secretary (Feb 2003-Feb 04), Pathol/Biol Section, AAFS
- Vice President, National Association of Medical Examiners, Jan-Dec 2005.
- President, National Association of Medical Examiners, Jan-Dec 2006.
- Member, Executive Committee, Nat Assoc. of Medical Examiners, Jan 2005-Jan 2007.
- Member and Secretary, Continuing Education Committee, AAFS, Jan 2004-Jan 05.
- Member, Nominating Committee, AAFS, Feb 2005-Feb 06.
- Chair, Board of Directors, National Assoc. of Med. Examiners, Jan-Dec 2007
- Chair, Legal Affairs Committee, Nat. Assoc. of Med. Examiners, Jan 2014-Dec 2015

COMMUNITY SERVICE

- Chair, Yale Alumni Schools Committee, Central Kentucky, Mar 1980-Jun1993.
- Fellow, University of Kentucky, May1987-Present

TEACHING

Residents

- | | |
|------------------|---|
| 7-81-83 | Forensic Pathology, Resident Teaching, Washington, D.C. Medical Schools |
| 2-83-2015 | Forensic Pathology, Resident Teaching, University of Kentucky |

Medical Students

- | | |
|-------------------|--|
| 81-Present | PAT 823 (Lectures in Forensic Pathology) |
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84-Present	PAT 856 (Fourth Year Elective in Forensic Pathology)
90-Present	PAT815/PAT825 (First and Second Year Elective in Forensic Pathology)
11-2002	LAW 950-064 (Interdisciplinary Seminar: Bioethics: The Intersection of Law and Medicine). Sponsors: University of Kentucky Colleges of Law and Medicine

Graduate Students

1991-Present	TOX 509 Contemporary Toxicology (Presentations in Forensic Toxicology)
1992; 8-94	TOX/PAT 660 Clinical Toxicology and Therapeutic Drug Monitoring (Presentations in Forensic Toxicology)

Law Students

Sep 1999-2002	LAW 950-014 Scientific Evidence and Forensics Seminar [Aspects of Medicolegal Death Investigation]. Sponsor: University of Kentucky College of Law
Jul 2001-2014	CLINICAL EXTERNSHIPS: Sponsor: Fayette County Commonwealth's Attorney's Office
Academic Yr 2002	LAW 950-064 (Interdisciplinary Seminar: Bioethics: The Intersection of Law and Medicine). Sponsors: University of Kentucky Colleges of Law and Medicine
Sep 2007-2009	CLINICAL EXTERNSHIP PROGRAM. Sponsor: Northern Kentucky University College of Law

Continuing Medical Education (AMA CATEGORY 1)

Sep 86-Present	Advances in Diagnostic Pathology, Occasional Presenter [for Intra- and Extramural Pathologists]. Sponsor: Department of Pathology and Laboratory Medicine <ul style="list-style-type: none">• Cocaine-related Coronary Artery Disease• Mitral Valve Prolapse• Histiocytoid Cardiomyopathy• Pregnancy-Related Splenic Artery Aneurysm Rupture• How safe are Conducted Energy Devices (aka Taser®)?
Jun 1991	Lecture: Pathology of Trauma. Sponsor: U Ky Annual Trauma Symposium

- Nov 2001** Moderator: Policy Issues in Bovine Spongiform Encephalopathy and Other Foodborne Diseases. Interdisciplinary Conference on State Law and Public Health. Sponsor: Multidisciplinary Colleges of the University of Kentucky, Lexington
- Jun 2012** *NIJ Study of Deaths Following Use of EMDDs (CEDs)*. National Association of Medical Examiners Interim Scientific Meeting 2012, **Atlanta, GA**

Continuing Legal Education

- Aug 1986** Lecture: Gunshot Wounds. Sponsor: Commonwealth of Kentucky of Department Public Advocacy
- Jun 1988-89** *Seminar on Evidence and Kentucky Trial Practice: Medical Testimony and Cause of Death Determination for Civil and Criminal Proceedings (*Four Sessions*). Sponsor: University of Kentucky College of Law
- Sep 1991** Lecture: Motor Vehicle Accidents and the Forensic Pathologist. Sponsor: Kentucky Academy of Trial Attorneys Louisville
- Jul 1999-2015** Expert Medical Witness at Mock Trials: Trial Advocacy for Kentucky Commonwealths' Attorneys. Sponsor: Kentucky Attorney General's Office
- Nov 2001** Moderator: Policy Issues in Bovine Spongiform Encephalopathy and Other Foodborne Disease. Interdisciplinary Conference on State Law and Public Health. Sponsor: Multidisciplinary Colleges of the University of Kentucky Lexington
- Oct 2010** *Medical Examiners Miscellany, Expert Testimony & Reports*. Sponsor: 2010 Kentucky Prosecutors Conference: The Office of the Attorney General and the Prosecutors Advisory Council, Lexington

Undergraduate Students

- Sep 70-May 72** Teaching Assistant in German, University of Kentucky Graduate School
- Acad Yr 1991** Facilitator for Student in Medical Illustration. Sponsor: University of Kentucky Office of Experiential Education
- (PEPP)** Sponsor: University of Kentucky Outreach Center for Science and Health Career Opportunities
- Sep 1999** Lecture: Topics and Case Histories in Official Death Investigation. Sponsor: Forensic Science Program, Eastern Kentucky University
- Acad Yr 2003** PAS 842 (Elective Clerkship in Forensic Science), Division of Physician Assistant Studies, Department of Clinical Sciences, University of Kentucky College of Health Sciences

Acad Yrs2011, 2014, Director, Summer Internships, Forensic and Investigative Science Undergraduate Program, West Virginia University, Morgantown, WV [May-July each year]

High School Students [Internment interactions and Presentations]

1985-Present Talks on Autopsy and Official Death Investigation to High School Students [Bourbon County High School, Dunbar High School, Lafayette High School]

1989-Present Autopsy Instruction at Medical Examiner's Office/Laboratory for students in High School Anatomy and Physiology, and Biology Classes [Paris High School, Metcalfe County High School, Bowling Green High School, Gallatin County High School, Shelby County High School]

Sep 92-Jun 01 Mentor for a variety of Fayette County High School Students rotating to the Medical Examiner's Office as part of Experience Based Community Education [EBCE]

Miscellaneous Students, Technicians, and Officials

1983-Present Autopsy Viewing and Instruction for: Paramedics, Respiratory Technicians, Nurses in Training, Prospective Autopsy Technicians, Hospital Staff, Emergency Department Staff, Detectives and Recruit Training Classes of the Kentucky State Police, various unsponsored College and High School Students, Law Interns from the Fayette County Commonwealth's Attorney's Office, Defense and Prosecution Attorneys in Kentucky.

ARTICLES:

1982

1. Roberts, W.C., Diccico, B.S., Waller, B.F., Kishel, J.C., McManus, B.M., Dawson, S.L., **Hunsaker III, J. C.**, Luke, J.L. *Origin of the Left Main From the Right Coronary Artery or From the Right Aortic Sinus with Intramyocardial Tunneling to the Left Side of the Heart via the Ventricular Septum: The Case Against Clinical Significance of Myocardial Bridge or Coronary Tunnel (Brief Communication)*. **Am Heart J** 1982;104:303-05.

1984

2. Sparks, D.L., **Hunsaker III, J.C.**, Slevin, J.T. *Postmortem Accumulation of 3-Methoxytyramine in the Brain (Letter)*. **New Engl J Med** 1984;311(8):540.

1986

3. Sparks, D.L., Slevin, J.T., **Hunsaker III, J.C.** *Putaminal 3-Methoxytyramine as a Gauge of the Postmortem Interval.* **J Forensic Sci** 1986;31:962-71.

1987

4. Slevin, J.T., Sparks, D.L., Dempsey, R.J., Davis, D.G., **Hunsaker III, J.C.**, DeKosky, S.T. *Altered Striatal Dopaminergic Metabolism 36 Hours After Unilateral Trauma to the Human Mesencephalon.* **Neurology** 1987;37:322-25.
5. Guthrie, Jr., G.P., **Hunsaker III, J.C.**, O'Connor, W.N. *Sudden Death in Hypothyroidism (Letter).* **New Engl J Med** 1987;317(20):1291.

1988

6. Sparks, D.L., **Hunsaker III, J.C.** *The Pineal Gland in Sudden Infant Death Syndrome (SIDS): Preliminary Observations.* **J Pineal Research** 1988;5:111-18.

1989

7. Sparks, D.L., Oeltgen, P.R., Kryscio, R., **Hunsaker III, J.C.** *Comparison of Chemical Methods for Determining Postmortem Interval.* **J Forensic Sci** 1989;34:197-206.

1990

8. Sparks, D.L., **Hunsaker III, J.C.**, Scheff, S.W., Henson, J.L., Markesbery, W.R. *Cortical Senile Plaques in Coronary Artery Disease, Aging, and Alzheimer's Disease.* **Neurobiol Aging** 1990;11 (6):601-07.
9. Skene, D.J., Vivien-Roels, D., Sparks, D.L., **Hunsaker III, J.C.**, Pevet, P., Ravid, D., and Swaab, D.F. *Daily Variation in the Concentration of Melatonin & 5-Methoxytryptophol in the Human Pineal Gland: Effect of Age and Alzheimer's Disease.* **Brain Research** 1990;520:170-74.

1991

10. Sparks, D.L., **Hunsaker III, J.C.** *Increased ALZ-50-Reactive Neurons in the Brain of SIDS Infants - An Indicator of Greater Neuronal Death?* **J Child Neurology** 1991;6:123-27.

11. Sparks, D.L., **Hunsaker III, J.C.** *Sudden Infant Death Syndrome: Altered Aminergic-Cholinergic Synaptic Markers in Hypothalamus.* **J Child Neurology** 1991;6:335-39.

1992

12. Sparks, D.L., **Hunsaker III, J.C.** *Down's Syndrome: Occurrence of ALZ-50 Reactive Neurons and the Formation of Senile Plaques.* **J Neurological Sci** 1992;109:77-82.
13. Sparks, D.L., **Hunsaker III, J.C.**, Slevin, J.T., DeKosky, S.T., Kryscio, R.J., Markesbery, W.R. *Monoaminergic and Cholinergic Synaptic Markers in the Nucleus Basalis of Meynert (nbM): Normal Age-Related Changes and the Effect of Heart Disease and Alzheimer's Disease.* **Ann Neurol** 1992;31:611-620.
14. **Hunsaker III, J.C.**, O'Connor, W.N., Lie, J.T. *Spontaneous Coronary Arterial Dissection and Isolated Eosinophilic Coronary Arteritis Sudden Cardiac Death in a Limited Variant of Churg-Strauss Syndrome (Case Report).* **Mayo Clin Proc** 1992;67:761-66.

1993

15. Sparks, D.L., Liu, H., Scheff, S.W., Coyne, C.M., **Hunsaker III, J.C.** *Temporal Sequence of Plaque Formation in the Cerebral Cortex of Non-Demented Individuals.* **J Neuropath Exp Neurol** 1993;52:135-42.
16. Kalaria, R.N., Fiedler, C., **Hunsaker III, J.C.**, Sparks, D.L. *Synaptic Neurochemistry of Human Striatum During Development: Changes in Sudden Infant Death Syndrome.* **J Neurochem** 1993;60:2098-2105.

1994

17. Sparks, D.L., Scheff, S.W., **Hunsaker III, J.C.**, Liu, H., Landers, T., Gross, D.R. *Induction of Alzheimer-like β -Amyloid Immunoreactivity in the Brains of Rabbits with Dietary Cholesterol.* **Exp Neurol** 1994;126:88-94.
18. **Hunsaker III, J.C.**, O'Connor, W.N., Lie, J.T. *Is Spontaneous Dissection of the Coronary Artery with Eosinophilia a Limited Form of Churg-Strauss Syndrome? (Letter).* **Arch Pathol Lab Med** 1994;118:863-64.
19. Sparks, D.L., Landers, T.M., Scheff, S.W., Coyne, C.M., **Hunsaker III, J.C.** *Evidence for Apoptotic Neuronal Degeneration in Alzheimer's Disease and Other Disorders.* **Exp Neurol**, Submitted, 1994.

1995

20. Sparks, D.L., Scheff, S.W., Liu, H., Landers, T., Coyne, C.M., **Hunsaker III, J.C.** *Increased Incidence of Neurofibrillary Tangles (NFT) in Non-Demented Individuals with Hypertension.* **J Neurol Sci** 1995;131:162-69.

1996

21. Sparks, D.L., Davis, D.G., Mellert, T.M., Rasheed, K., Landers, T.M., Liu, H., Coyne, C.M., **Hunsaker III, J.C.** *Increased ALZ-50 Immunoreactivity in Sudden Infant Death Syndrome (SIDS).* **J Child Neurol** 1996;11(2):101-07.
22. Sparks, D.L., Scheff, S.W., Liu, H., Landers, T., Danner, F., Coyne, C.M., **Hunsaker III, J.C.** *Increased Density of Senile Plaques (SP), But Not Neurofibrillary Tangles (NFT), in Non-Demented Individuals with Apolipoprotein E4 Allele: Comparison to Confirmed Alzheimer's Disease Patients.* **J Neurol Sci** 1996;138:97-104.
23. Huggle, S., **Hunsaker III, J.C.**, Coyne, C.M., Sparks, D.L. *Oxidative Stress in Sudden Infant Death Syndrome.* **J Child Neurol** 1996;11(5):1-6.
24. Skinker, D.M., Coyne, C.M., Lanham, C.S., **Hunsaker III, J.C.** *Chasing the Casing: A 0.38 Special Suicide (Case Report).* **J Forensic Sci** 1996;41:705-08.

1997

25. Sparks, D.L., Coyne, C.M., Sparks, L.M., **Hunsaker III, J.C.** *Pineal Gland Size in Sudden Infant Death Syndrome and a Recommended Technique for Brain Removal to Retain Anatomic Integrity of the Gland (Technical Note).* **J Forensic Sci** 1997;42:100-02.
26. Skinker, D.M., Warnecke, S.C., Morrow, J., **Hunsaker III, J.C.** *DNA Typing of Azoospermic Semen at DIS80 Locus (Technical Note).* **J Forensic Sci** 1997;42:716-18.
27. Davis, G.J., **Hunsaker III, J.C.** *An Atypical Gunshot Wound of the Head: Putting the Scene and Autopsy Together.* **Am Soc Clin Pathol** Check Sample Forensic Pathology No. FP97-9 (FP-230). Chicago, IL: ASCP Press: 1997.

1999

28. Sparks, D.L., Davis, D.G., Wilson, D., **Hunsaker III, J.C.**, Markesbery, W.R. *Diffuse Lewy Body Disease: Neurochemical, Neuropathological and Behavioral Correlations.* **Alzheimer Rep** 1999;2(1):43-54.

2000

29. Sparks, D.L., Gross, D.R., **Hunsaker III, J.C.** *Neuropathology of Mitral Valve Prolapse in Man and Cardiopulmonary Bypass (CPB) Surgery in Adolescent Yorkshire Pigs. Neurobiol Aging* 2000;21:363-72.
30. Sparks, D.L., Martin, T.A., Gross, D.R., **Hunsaker III, J.C.** *Link between Heart Disease, Cholesterol, and Alzheimer's Disease: A Review. Microsc Res Tech* 2000;50(4):287-90.

2002

31. Hanzlick, R., **Hunsaker III, J.C.**, Davis, G.J. *A Guide for Manner of Death Classification. 1st ed. National Association of Medical Examiners®*, Feb, 2002.
32. Sparks, D.L., and **Hunsaker III, J.C.** *Invited Paper Neuropathology of Sudden Infant Death (Syndrome): Literature review and evidence of a probable apoptotic degenerative cause. Childs Nerv Syst* 2002;18:569-592.
33. Hunsaker, D.M., **Hunsaker III, J.C.** *Therapy-Related Café Coronary Deaths Two Case Reports of Rare Asphyxial Deaths in Patients under Supervised Care. Am J Forensic Med Pathol* 2002;23:149-54.
34. Shields, L.B.E., Hunsaker, D.M., **Hunsaker III, J.C.**, and Parker Jr. J.C. *Sudden Unexpected Death in Epilepsy: Neuropathologic Findings. Am J Forensic Med Pathol* 2002;23:307-14
35. Hunsaker, D.M., Turner, S., **Hunsaker III, J.C.** *Sudden and Unexpected Death Resulting from Splenic Artery Aneurysm Rupture: Two case reports of Pregnancy-Related Fatal Rupture of Splenic Artery Aneurysm. Am J Forensic Med Pathol* 2002;23:338-41.

2003

36. Shields, L.B.E., Hunsaker, D.M., **Hunsaker III, J.C.**, Rolf, C.M. *Multiple Self-Inflicted Gunshot Wounds of the Head: A Matter of Timing and Placement: Simultaneous or Sequential? Am Soc Clin Pathol Check Sample Forensic Pathology No. FP 03- 2 (FP-283). Chicago, IL: ASCP Press:2003.*
37. Shields, L.B.E., Hunsaker, D.M., **Hunsaker III, J.C.** *Iatrogenic Catheter-Related Cardiac Tamponade: A Case Report of Fatal Hydropericardium Following Subcutaneous Implantation o Chemotherapeutic Injection Port. J Forensic Sci* 2003;48:414-18.

38. Schott, J.C., Davis, G.J., and **Hunsaker III, J.C.** *Accidental Electrocution During Autoeroticism A Shocking Case.* **Am J Forensic Med Pathol** 2003;24:92-5.
39. Sparks, D.L. and Sabbagh, M.N., Breitner J.C.S., **Hunsaker III, J.C.** *Is cholesterol a culprit in Alzheimer's disease?* **Int Psychogeriatr** 2003;15[Suppl. 1]:153-59.
40. Hunsaker, D.M., **Hunsaker III, J.C.**, Adams, K. C., Noonan, J.A, and Ackermann, D.M. *Fatal Kawasaki Disease due to Coronary Aneurysm Rupture with Massive Cardiac Tamponade (Case Report).* **J Ky Med Assoc** 2003;101:241-46.
41. Shields, L.B.E., Hunsaker, D.M., **Hunsaker III, J.C.**, Humbert, K.A. *Nonterrorist Suicidal Deaths Involving Explosives.* **Am J Forensic Med Pathol** 2003;24:107-113.

2004

42. Shields, L.B.E., Hunsaker, D.M., **Hunsaker III, J.C.** *Abuse and Neglect: A Ten-Year Review of Mortality and Morbidity in our Elders in a Large Metropolitan Area.* **J Forensic Sci**, 2004;49:122-27.
43. Shields, L.B.E., Hunsaker, D.M., **Hunsaker III, J.C.** *Homicidal Commotio Cordis v Resulting from Adolescent Road Rage: Diagnostic Utility of Postmortem Troponin Assay.* **Am Soc Clin Pathol** Check Sample Forensic Pathology No. FP 04-2 (FP-293). Chicago, IL: ASCP Press:2004.

2005

44. Shields, L.B.E., Hunsaker, D.M., **Hunsaker III, J.C.** *Autoerotic Asphyxia: Summary of a Classic Case.* **Am Soc Clin Pathol** Check Sample Forensic Pathology No. FP 04-4 (FP-295) Chicago, IL: ASCP Press:2004.
45. Shields, L.B.E, Hunsaker, D.M., **Hunsaker III, J.C.** *Autoerotic asphyxia Part I.* **Am J Forensic Med Pathol** 2005;26:45-52.
46. Shields, L.B.E, Hunsaker, D.M., **Hunsaker III, J.C.**, Wetli, C.V., Hutchins, K.D., Holmes, R.M. *Atypical autoerotic death Part II.* **Am J Forensic Med Pathol** 2005;26:53-62.
47. Huber, C., Hunsaker, D.M., **Hunsaker III, J.C.** *The Relationship between Elevated Body Mass Index and Lethal Ischemic Heart Disease: An Eleven-year Retrospective Review of Medical Examiners' Adult Autopsies in Kentucky.* **J Ky Med Assoc** 2005;103:93-101.
48. Shields, L.B.E., Hunsaker, D.M., **Hunsaker III, J.C.** *Suicide: A Ten-Year Retrospective Review of Kentucky Medical Examiner Cases.* **J Forensic Sci** 2005;50:613-617.

49. Hunsaker, D.M., **Hunsaker III, J.C.**, Clayton, T., Spiller, H.A. *Lethal Envenomation: Medicolegal Aspects of Snakebites and Religious Snake Handlers in Kentucky A Report of Three Cases with Comment on Medical, Legal, and Public Policy Ramifications.* **J Ky Med Assoc** 2005; 103:542-556.

2006

50. Helbecque, N., Sparks, D.L., **Hunsaker III, J.C.**, Amouyel, P. *The Serotonin Transporter Promoter Polymorphism and Suicide.* **Neurosci Lett** 2006; Feb 27.
51. Shields, L.B.E., Hunsaker, D.M., **Hunsaker III, J.C.**, Ward, M. *Toxicological Findings in Suicide: A Ten-Year Retrospective Review of Kentucky Medical Examiner Cases.* **Am J Forensic Med Pathol** 2006; 27:106-112.
52. Nixdorf-Miller, A., Hunsaker, D.M., **Hunsaker III, J.C.** *Hypothermia and Hyperthermia; Medicolegal Investigation of Morbidity and Mortality from Exposure to Environmental Temperature Extremes.* **Arch Pathol Lab Med** 2006;130:1297-1304.
53. Shields, L.B.E., Hunsaker, D.M., **Hunsaker III, J.C.**, Ward, M.K. *Adolescent and Young Adult Suicide: A Ten-Year Retrospective Review of Kentucky Medical Examiner Cases.* **J Forensic Sci** 2006;51:874-879.
54. Simmons, S.D., Davis, G.J. **Hunsaker III, J.C.** *Cerebral Tissue Pulmonary Embolization due to Head Trauma.* **Am Soc Clin Pathol** Check Sample Forensic Pathology No. FP 06-7 (FP-318) Chicago, IL: ASCP Press, August:2006.
55. **Hunsaker III, J.C.** *A Word from the President* (Editorial). **Am J Forensic Med Pathol** 2006;27:197-199.

2007

56. Hanzlick, R., **Hunsaker III, J.C.**, Davis, G.J. *Commentary on: Use of Therapeutic Complication as a Manner of Death (Letter).* **J Forensic Sci** 2007;52:491.
57. Shields, L.B.E., Hunsaker, D.M., **Hunsaker III, J.C.** *Suicide in our Elders: A Ten-Year Review of Kentucky Medical Examiner Cases.* **Forensic Sci Med Pathol** 2006;2:253-262.
58. Shields, L.B.E., **Hunsaker III, J.C.**, Corey, T.S., Stewart, D. *Is SIDS on the Rise??* **J Ky Med Assoc** 2007;105(8):343-3353.
59. Shields, L.B.E., Hunsaker, D.M., **Hunsaker III, J.C.** *Schizophrenia and Suicide: A 10-Year Review of Kentucky Medical Examiner Cases.* **J Forensic Sci** 2007;52:930-937.

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51. Shields, L.B.E., Hunsaker, D.M., **Hunsaker III, J.C.**, Bernstein, M.L. Dog Bite-Related Fatalities: Is a Dog Really Man's Best Friend? Nat. Association Med. Examiners, Presented 2006.
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53. Ye, Zhan, Rolf, C.M., **Hunsaker III, J.C.** Neonatal Death Caused by Disseminated Herpes Simplex Virus (HSV) Infection acquired from Asymptomatic Mother. CAP '13, Presented, 2013.
54. Sparks, D.L., Kryscio, R.J., **Hunsaker III, J.C.** Early age-related Progression of AD-like Neuropathology in Down's Syndrome (DS). Am. Assoc. Neuropathol., Accepted 2013.

GRANTS:

Principal Investigator

Jul 1984-1985

"Determination of Postmortem Interval by Putaminal Levels of 3-Methoxytyramine," BRSG Principal Investigator. Funded (\$4500, 1 yr.).

Co-Investigator

May 1990-95

"Senile Plaques in Alzheimer's and Heart Diseases," ADRC, NIH, Project 0003. Funded, 1990. (\$592,189, 5 yrs.)

JOURNAL REVIEWER:

Aug 2003

Sep 2005

Jun 2005

Sep 2007-Present

Neurology

Archives of Pathology & Laboratory Medicine

Society for Clinical Pathology-Check Sample®

Journal of Forensic and Legal Medicine

EDITORIAL BOARD

May 2004-Dec 2019

Feb 2005-Jan 07

Feb 2007-Present

Sep 2011-Sep 2014

American Journal of Forensic Medicine and Pathology

Forensic Science, Medicine, and Pathology

North American Editor, Forensic Science, Medicine and Pathology

Academic Forensic Pathology

NATIONAL COMMITTEE SERVICE

Jan 2006 - Sep 2011

Co-Chair, Steering Group Study of Deaths Following

Electromuscular Disruption, *National Institute of Justice*, U.S. Department of Justice

INVITED PRESENTATIONS (Partial Listing):

Sep 1981 and 1982

• *Introduction to Forensic Pathology*, PAT 823, University of Kentucky, Department of Pathology. Lexington, KY

Sep 1982

- *Sharp Force Injury*, Symposium on Forensic Pathology, Office of the Chief Medical Examiner, Washington, D.C.

1983-Present

- *Aspects of: Death Scene Investigation, Trauma Pathology, Forensic Toxicology, Postmortem Techniques; Manner of Death*. Regular Presentations at the Annual Kentucky Coroners' Conference (*Vide infra*). Louisville [Apr each yr]
- *Forensic Pathology, Trauma, and Natural Disease in Official Death Investigation*, Kentucky Coroners' Basic and In-service Training (KRS 72.415[2]), Kentucky Department of Criminal Justice Training, at multiple sites throughout Kentucky [intermittent over the years]

1984

- *Putting the Pieces Together—Forensic Pathology and the Air Florida Crash* Sixth Annual Aaron Brown Lecture, Sponsored by *Phi Delta Epsilon*, University of Kentucky, Lexington, May
- *Cases in Forensic Pathology*, Fayette County Lions Club. Lexington July
- *Case Histories of Sexually Related Homicides*. Kentucky State Police Cadet Academy, Frankfort Feb

1985

- *The Law and Human Rights Abuses*, Annual Conference of Indiana Coroners, Indianapolis, IN Jul

1986

- *Hospital-related Deaths and Therapeutic Misadventure*, Annual Meeting of Virginia Medical Examiners, Richmond, VA May
- *Sudden Infant Death Syndrome*, Bath County Department of Health, Owingsville Jul
- *Sudden Infant Death Syndrome and the Forensic Pathologist*, Symposium on SIDS, Kentucky Cabinet for Health Services, Ky State U, Frankfort Apr

- *Medicolegal Aspects of Ethyl Alcohol: Psychological and Physiological Effects, Specimen Sampling Techniques, and Expert Testimony.* Department of Criminal Justice Training, Kentucky Justice Cabinet, Richmond Aug
- 1988** • *Sudden Infant Death Syndrome (SIDS) and the Pineal Gland.* SIDS: A Look into the Future. Sponsor: Department of Pediatrics, Medical University of South Carolina, **Charleston, SC Jul**
- 1989** • *Physiology of Ethyl Alcohol,* Attorney General's Task Force on Drunken Driving, University of Louisville Law School. Louisville May
- 1991** • *Pathology of Trauma,* University of Kentucky Annual Trauma Symposium, Lexington May
- 1992** • *Motor Vehicle Accidents and Accident Reconstruction—The Role of Autopsy,* Collision Dynamics Seminar. Sponsor: Kentucky Academy of Trial Attorneys and Accident Reconstruction Consultants, Inc., Louisville Jun
- 1994** • *The Role of the Medical Examiner in Investigating Crime,* Regular Meeting of the Bluegrass Sisters in Crime, Lexington Mar
- *Aspects of Forensic Pathology and the Laboratory,* Annual Conferences of Kentucky Histotechnologists, Lexington and Louisville May
- *Arson Investigation,* Federal Bureau of Alcohol, Tobacco, and Firearms, Ashland Aug
- 1997** • *Violence and the Medical Examiner in Kentucky,* Week without Violence Symposium. Sponsor: YMCA, Kings Daughters Hospital, Ashland Mar
- 1999** • Session Moderator, Pathology/Biology Section, Annual Meeting of the American Academy of Forensic Sciences, **Orlando, FL Feb**

- *Death Scene Investigation*. In-service Training Seminar for Kentucky State Police Detectives, Frankfort May
- Mar 2000-2002**
- Scientific/Forensic Topics, Kentucky State Medical Examiner Retreats
- 2001**
- *The Role of Radiology in Medicolegal Death Investigation*. Sponsor: Kentucky Society of Radiologic Technologists, Inc., Lexington Feb
 - *The Art and Science of Forensic Toxicology: A Medical Examiner's Perspective*. Sponsor: University of Kentucky Graduate Center for Toxicology, Seminar Series, Lexington Jul
 - *Sudden Infant Death Syndrome (SIDS): Neuropathologic Aspects*. Sponsor: Research Conference Series, University of Kentucky Department of Pathology and Laboratory Medicine, Lexington Aug
- 2002**
- *Alternative Careers with Law Degrees*. Sponsor: Speaker Series Committee, University of Tennessee College of Law, **Knoxville, TN Jun**
- 2003**
- *Forensic Medicine Procedures*. Sponsor: Donovan Scholars Program, University of Kentucky, Lexington Jul
 - *Forensic Toxicology-Investigation of Drug-Related Death*. Sponsor: The Murphy Pain Center's Pain School, Louisville Aug
- 2007**
- *Medicolegal Investigation of Elder Abuse*. Sponsor: Kentucky Association for Gerontology, Paintsville Apr
 - *Response by the Kentucky Medical Examiner Division to the Summer 2006 Crash of Comair Flight 5191, Lexington, Kentucky*. Sponsor: Masters 12 Conference, Saint Louis University School of Medicine, **Saint Louis, MO Jul**
- 2010**
- Are CED's safe and effective? Sponsor: The NIJ Conference 2010 – Panel Discussion, **Arlington, VA May**

- *Medical Examiners Miscellany, Expert Testimony & Reports*. Sponsor: 2010 Kentucky Prosecutors Conference: The Office of the Attorney General and the Prosecutors Advisory Council, Lexington Apr
- *Death after Application of Conducted Energy Devices by Police: Final Report of the US National Institute of Justice 2010*. Sponsor: 89. Jahrestagung der Deutschen Gesellschaft für Rechtsmedizin, Berliner Charité - Universitätsmedizin, **Berlin, Germany Oct**
- 2011** | • Are CED's safe and effective? Sponsor: The NIJ Conference 2011 – Panel Discussion, **Arlington, VA May**
- 2012** | | • *NIJ Study of Deaths Following Use of EMDDs (CEDs)*. National Association of Medical Examiners Interim Scientific Meeting 2012, **Atlanta, GA Feb**
- *How safe are Conducted Energy Devices [aka Taser®]?* Sponsor: Advances in Diagnostic Pathology, University of Kentucky Department of Pathology and Laboratory, Lexington May
- *Is it Elder Abuse?* Professionals Elder Abuse Awareness Conference. Sponsor: Kentucky River Council against Maltreatment of Elders (C.A.M.E.), Hazard Jul
- 2015** • *Courts and the Confrontation Clause Case Series –Legal Issues in Forensic Pathology and Death Investigation*. National Association of Medical Examiners. Interim Scientific Meeting, 2015, **Orlando, FL Feb**

PRESENTATIONS AT KENTUCKY CORONERS' ANNUAL CONFERENCE [all in Apr]

- 1983 *Certification of Deaths*
- 1985 *Certification of Death*
- 1986 *Investigation of Child Death*
- 1987 *Presentation of the Foster-Powell Death Investigation*
- 1988 *Collecting Toxicology Specimens When an Autopsy is not Going to be Conducted*
- 1989 *Dilemmas in Determining Manner of Death*
- 1995 *An Autopsy is not Always the Answer*
- 1996 *Manner of Death Determination*

- 1997 *The Air Florida Plane Crash in Washington, D.C.*
- 1998 *U.S. Department of Justice Guidelines for Medicolegal Death Investigation*
- 1999 *I Have the Body but No Medical History*
- 2000 *Under the Influence of Ethyl Alcohol - A Medicolegal Perspective*
- 2001 *Investigating Oxycontin® Deaths and Other Drug-Related Deaths*
- 2003 *Multishot Suicide of the Head*
- 2004 *Mechanism of Death*
- 2007 *KY Coroner/Medical Examiner Death Investigation System – Yesterday, Today
and Tomorrow*