

## **CURRICULUM VITAE**

**NAME:** Mary Fran Ernst, B.S.

### **EDUCATIONAL BACKGROUND:**

1963-1965	St. John's Hospital School of Nursing St. Louis, MO
1972- 1982	Saint Louis University, School of Professional Studies Bachelor in Liberal Studies, cum laude

### **PROFESSIONAL EXPERIENCE:**

1965 - 1969	Assistant to the Clinical Laboratory Director, Department of Pathology, Saint Louis University Hospitals, St. Louis, MO.
1972 - Present	Saint Louis University, Department of Pathology, School of Medicine, St. Louis, MO
1973 - 1975	Medical Record Analyst for Bi-State Regional Development of A Death Investigation Protocols and Accuracy of Certified Death Certificates, Department of Pathology, Saint Louis University School of Medicine, Saint Louis, MO.
1975 -1998	Toxicology Test Services Administrator, Division of Forensic & Environmental Pathology, Saint Louis University School of Medicine, St. Louis, MO.
1975 – Present	Medicolegal Death Investigator, St. Louis County Medical Examiner's Office, St. Louis, MO.
1977	Acting Chief Investigator, St Louis Medical Examiner's Office, St. Louis, MO
1997 - 1998	Liaison for Saint Louis University and City of St. Louis for Forensic Medical Services Contract, St. Louis, MO
1978 - present	Medicolegal Death Investigation Training Courses, Coordinator, Assistant Director, Co-Director, Division of Forensic & Environmental Pathology, Saint Louis University School of Medicine, St. Louis, MO.
1978 - 1995	Executive Assistant in Charge of Forensic Teaching Programs, Division

of Forensic & Environmental Pathology, Saint Louis University School of Medicine, St. Louis, MO.

- 1981 - 1998 Administrator Forensic Medical Services, Saint Louis University School of Medicine, Department of Pathology, St. Louis, MO.
- 1982 – Present Meeting Manager, National Association of Medical Examiners, St. Louis, MO.
- 1985 - 1999 MASTERS Conference in Death Investigation, Assistant Director, Division of Forensic & Environmental Pathology, Saint Louis University School of Medicine, St. Louis, MO.
- 1986 - 1989 Liaison for Saint Louis University & County of St. Charles, Missouri for Forensic Medical Services Contract.
- 1986 - 1989 Administrator, St. Charles County Medical Examiner's Office for Saint Louis University Medical Center, St. Louis, MO
- 1986 - 1990 Forensic Administration Conference Coordinator, Division of Forensic & Environmental Pathology, Saint Louis University School of Medicine, St. Louis, MO.
- 1986 - 1995 Toxicology Test Services, Postmortem billing services agent. Saint Louis University School of Medicine, Department of Pathology, St. Louis, MO
- 1993 - Present Course Coordinator, Forensic Pathology Elective for first and second year SLU medical students, Saint Louis University School of Medicine, Department of Pathology, St. Louis, MO
- 1993 - 1994 Course Coordinator, Learning from the Masters Conference Saint Louis University School of Medicine, Department of Pathology, St. Louis, MO
- 1995 - Present Director of Medicolegal Education, Division of Forensic Pathology, Saint Louis University School of Medicine, Department of Pathology, St. Louis, MO
- 1998 – Present Master's Conference in Death Investigation, Assistant Director, Co-Director, Division of Forensic & Environmental Pathology, Saint Louis University, School of Medicine, St. Louis, MO.

2000 - Present           Medicolegal Death Investigation Training Course, Co-Director Division of Forensic & Environmental Pathology, Saint Louis University School of Medicine, St. Louis, MO.

**ACADEMIC APPOINTMENTS:**

1976 - 1988           Saint Louis University School of Medicine, Lecturer, PT-323-502: Forensic Pathology.

1976 - 1986           Greater St. Louis Police Academy: Lecturer

1978 - Present       Saint Louis University, Medicolegal Death Investigator Training Course Lecturer.

1979 – 2001       University of Missouri - Public Safety Institute, Lecturer.

1980 - 1990       St. Charles County, MO Police Academy, Lecturer.

1981 – 1995       Missouri State Highway Patrol Academy, Lecturer.

1984 - 1997       Instructor, Saint Louis University School of Medicine, Department of Pathology, St. Louis, MO

1987 - Present       St. Louis County Police Academy, Lecturer

1987 – Present       Saint Louis University School of Allied Health, Lecturer.

1997 – Present       Assistant Professor, Department of Pathology, Saint Louis University School of Medicine, St. Louis, Missouri.

**CERTIFICATIONS:**

1982 - Present       Specialist Instructor, State of Missouri, Department of Public Safety, Jefferson City, Missouri.

1985                Qualified Disaster Coordinator, Federal Emergency Management Agency.

1990                Charter member - B.E.S.T. (Bloodstain Evidence Specialist & Technicians).

- 1998 - 2001 Registered Medicolegal Death Investigator, American Board of Medicolegal Death Investigators, Registry # 001.
- 2001- Present Board Certified Medicolegal Death Investigator, American Board of Medicolegal Death Investigators, BC # 001

**PROFESSIONAL ACTIVITIES:**

- 1975 Chairman, Arrangements Committee, First Annual Meeting, American Association of Suicidology, St. Louis, MO
- 1976 Co-Director, ASCP-MT Training Institute, St. Louis, MO
- 1976 - 1978 Coordinator, Greater St. Louis Police Academy, Forensic Training/Homicide Investigation, St. Louis, MO
- 1976 - 1990 Lecturer, Saint Louis University School of Medicine, PT-502 Forensic Pathology.
- 1976 - 1987 Greater St. Louis Police Academy, Lecturer
- 1977 Co-Director, Hazardous Materials Workshop for Saint Louis University School of Medicine, St. Louis, Missouri.  
Co-Director, Intermodal Hazardous Materials Seminar for Emergency Services, Saint Louis University School of Medicine, St. Louis, Missouri.
- 1978 Coordinator, Local Arrangements Committee Annual Meeting of the American Academy of Forensic Sciences, St. Louis, Missouri.
- 1978 – Present Coordinator and Lecturer, Saint Louis University, Medicolegal Death Investigator Training Courses
- 1979 Consultant for Local Arrangement Committee for American Academy of Forensic Sciences, Atlanta, GA
- 1979 Homicidal Investigations, University of Missouri, Lecturer
- 1980 Forensic Consultant, Governor’s Task Force on Rape, Columbia, MO
- 1981 Member, Death Investigation Advisory Group, representing field of

Medicolegal Death Investigators, National Institutes of Justice Grant, "Medicolegal Investigation Guidelines" awarded to the Forensic Science Foundation, Colorado Springs, CO

- 1981 - 1990 St. Charles County Police Academy, Lecturer.
- 1981 - Present Member, Affiliate Membership Committee, National Association of Medical Examiners.
- 1981 - 1995 Lecturer, Missouri State Highway Patrol Academy.
- 1982 - 1985 Member, Steering Committee, Middle Management Personnel, Saint Louis University Medical Center, St. Louis, MO
- 1982 - Present Meeting Manager, National Association of Medical Examiners, St. Louis, MO
- 1985 Secretary-Treasurer, District C, Missouri Coroners and Medical Examiners Association.
- 1985 Program Chairman, General Section, American Academy of Forensic Sciences, 1985 Annual Meeting.
- 1985 - 1990 Chairman, Affiliate Membership Committee, National Association of Medical Examiners.
- 1987 – Present St. Louis County Police Academy, Lecturer
- 1987 – Present Saint Louis University School of Allied Health, Lecturer.
- 1989 American Academy of Forensic Sciences (AAFS) Chairman, John R. Hunt Award Committee Criteria, Policies and Procedures development for General Section.
- 1990 American Academy of Forensic Sciences - Elected Secretary of General Section.
- 1990 Forensic Science Foundation - Appointed Alternative Trustee representing the General Section.
- 1990 Coordinator, St. Louis Major Case Squad Training Session for

	Forensic Medicine, May 1990.
1990 - 2000	Member, Affiliate Membership Committee, National Association of Medical Examiners.
1991	American Academy of Forensic Sciences - elected Chairman of General Section.
1991-1998	American Academy of Forensic Sciences - appointed to the Academy's Strategic Planning Committee.
1991	American Academy of Forensic Sciences - appointed 1992 Annual Meeting Workshops Chairman.
1992	American Academy of Forensic Sciences - re-elected Chairman of General Section.
1992 - 1994	American Academy of Forensic Sciences, appointed to Academy's Public Relations Committee.
1992 - Present	Saint Louis University School of Allied Health Physicians Assistant program, Lecturer.
1993 - 1996	Abbott Ambulance Training Group, Lecturer
1993	Panelist, National Institutes for Child Health and Human Development (NICHD), Health and Human Services Interagency Panel, Centers for Disease Control, Workshop on Guidelines for Scene Investigation of Sudden Unexplained Infant Deaths, July 12 - 13, Rockville, Maryland.
1994 – Present	Academy of Science of St. Louis, Speaker for Science, Lecturer
1994	Symposium Member, National Training of Coroners and Medical Examiner conducted by National Association of Counties, April 11, Washington, D.C.
1994	Local Arrangements Co-Chairman Saint Louis University Women's Commission, elected
1994 - 1996	Task Force Member, Pre-Employment Testing of Medicolegal Death Investigators, Milwaukee, Wisconsin.

1995 – 1997	Member, Death Scene Investigation Solicitation Working Group for U.S. Department of Justice, National Institute of Justice, Washington, DC
1995	Vice President/President-Elect Saint Louis University Women’s Commission, elected
1995 - 1998	Appointed faculty member of Saint Louis University Parking Advisory Council, Member of Parking Appeals Subcommittee
1995 – Present	Peer Review Consultant, National Institutes of Justice, Washington, D.C.
1995 - 1999	Training Director, Missouri Coroners & Medical Examiners Assn.
1995 - Present	Member, National Association of Medical Examiners Program Committee.
1995 - 2001	Member, National Association of Medical Examiners Finance Committee.
1996	President, Saint Louis University Women’s Commission, elected
1996	Chair, Saint Louis University Women’s Commission Walk for Wellness event
1996 - 2000	Faculty, Death Investigation Training Seminars, Sponsored by CDC and Occupational Research & Assessment.
1996 – Present	Police Office Standards & Training Board (POST) approved Director of Saint Louis University School of Medicine, Continuing Education program for Missouri Law Enforcement officers.
1996 - 1998	Assistant Director, National Institutes of Justice Grant to develop National Guidelines for Medicolegal Death Investigators
1996 - Present	Editorial Board, <i>Journal of Forensic Medicine and Pathology</i>
1997 - 2003	Facilitator, Saint Louis University Shared Vision, Shared Vision I, Shared Vision II

1997 - 2000	Advisory Board Member, Clinical Laboratory Science Program, Saint Louis University.
1997 - 1999	Member, National Implementation Committee, NIJ Grant: National Guidelines for Medicolegal Death Investigators
1997 - 1998	Member, National Medical Review Team, NIJ Grant: <i>National Guidelines for Death Investigators</i> .
1997	Founding Member, American Board of Medicolegal Death Investigation.
1998	Past President, Saint Louis University Women's Commission
1998	Chair, Nominating Committee, Saint Louis University Women's Commission
1998 - Present	Appointed faculty member/Elected Chair of Saint Louis University Parking Advisory Council, Member of Parking & Appeals Subcommittee
1998 – 2002	President, American Board of Medicolegal Death Investigators, Inc (elected 1998, re-elected 1999, re-elected 2000, re-elected 2001)
1998- Present	Advisory Council Member, American Board of Medicolegal Death Investigators.
1999 - 2001	Assistant Director, Saint Louis University, Masters Conferences
1999 – Present	OPTN/UNOS Medical Examiners and Coroners Task Force Richmond, VA
2000- 2002	Member, Council of Scientific Society Presidents, Washington, DC
2001 - Present	Co-Director, Saint Louis University, Medicolegal Death Investigator Training Courses
2001 - Present	Co-Director, Saint Louis University, Masters Conferences
2001 – Present	Member, Initial Nominating Organization, Forensic Specialties Accreditation Board, Colorado Springs, CO

2002- 2003	Treasurer, American Board of Medicolegal Death Investigators
2003 – 2004	President, American Board of Medicolegal Death Investigators
2004- present	Treasurer, American Board of Medicolegal Death Investigators
2004 – present	Medical Examiners Advisory Committee, CryoLife, Inc, Kennesaw, GA
2004 – present	Workgroup member, Revision of 1996 Guidelines for Death Scene Investigation of Sudden, Unexplained Infant Deaths and Investigation Report Form (SUIDIRF), CDC/SIDS, Atlanta, GA
2004 – present	Member, Training Dissemination Core Team, SUIDIRF Project, CDC/SIDS, Atlanta, GA
2004 – present	Sudden Unexpected Infant Death Task Force, Bed-Sharing/ Co-Sleeping Panel , CDC, Atlanta, GA

**SOCIETIES:**

**National Association of Medical Examiners**

1980 – Present	Affiliate Member
1995 - Present	Member, National Association of Medical Examiners Education Committee
1995 - Present	Chair, National Association of Medical Examiners Program Committee
1995 - 1999	Member, National Association of Medical Examiners Finance Committee
1999 – 2000	Member, National Association of Medical Examiners, Electronic Media and NODIA Committee.

**American Academy of Forensic Sciences**

1982 - Present	Provisional Member 1982, Member 1986, Fellow, 1988. General Section Program Chairman, 1985.
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Chairman, General Section Awards Committee, 1990.  
Elected General Section Secretary, 1990.  
Elected General Section Chairman, 1991 and 1992.  
Forensic Science Foundation, Trustee 1993 – 2002.  
Forensic Science Foundation, Elected Vice Chairman, 1995-1997.  
Forensic Science Foundation, Education Committee Chairman, 1995-1997.  
Strategic Planning Committee, 1991-1998.  
Public Relations Committee, 1992-1994.  
44<sup>th</sup> Annual Meeting Workshops Chairman, 1992.  
AAFS Council, 1991-1993.  
Elected General Section Board of Director, 1993 - 1996.  
John R. Hunt Awardee, 1993.  
Elected Forensic Science Foundation Board of Trustees, 1993-1997.  
Council on Forensic Science Educators, 1993-1995.  
Elected AAFS Executive Committee Member, 1994-1996.  
Chairman, Strategic Planning Subcommittee on Forensic Education and Training, 1994-1995.  
Secretary, Strategic Planning Committee Task Force on Forensic Education and Training, 1995-1996.  
Elected Vice Chairman, Forensic Science Foundation, 1995-1997.  
Chairman, Education Committee, Forensic Science Foundation, 1995-1997.  
Chair, AAFS Policy & Procedures Manual Revision Committee, 1995-1999.  
Continuing Medical Education Committee, AAFS, 1995- 2002  
Chair, AAFS Journal of Forensic Sciences Policy and Procedures Manual Development, 1996-1999.  
Chair, AAFS General Section, Nominating Committee, 1996-1997  
Member, AAFS General Section Nominating Committee, 1997-1998.  
Co-Chairman, Forensic Science Foundation HamletII Committee, 1997-1998.  
Re-elected Trustee, Forensic Science Foundation, 1998-2002.  
Member, Forensic Science Foundation, Education Committee, 1998-2002.  
Member, Long Range Planning Committee, 1998-2001.  
Treasurer, AAFS, 1998-2000  
Chair, Audit Committee, AAFS 1998-2000  
Member, AAFS Policy & Procedures Manual Revision Committee, 1999–2001

President-Elect, AAFS, elected 2000  
President, AAFS, 2001  
Immediate Past President, AAFS, 2002  
Chair, AAFS Nominating Committee, 2002  
Co-Chair, AAFS Forensic Science Educational Initiative, 2001

Co-Chair, AAFS Forensic Science Educational Conference, St, Louis,  
MO, 2001

Member, AAFS Nominating Committee, 2003-present

Director, AAFS Forensic Science Educational Conference, St. Louis  
II, 2003-4

Chair, AAFS General Section Nominating Committee, 2003-present

1990 – 1998

**Missouri Coroners & Medical Examiners Association**

Board of Director representing District C, 1995-1997

Training Director; 1995-1999

1992 - 1996

**National Association of Exposition Managers .**

1996 - 2000

**University of Missouri Extension Center Council** representing City  
of Overland, MO.

1997 – Present

**Board of Police Commissioners**, City of Overland, MO.

1997 - 1999

**Altrusa International**, St. Louis, MO, St. Louis Chapter.

1999 - Present

**United Organ Sharing** for Medical Examiner/Coroner  
Task Force member.

2000 - 2002

**Council of Scientific Society Presidents .**

2000 - 2002

**Consortium of Forensic Science Organizations .**

2000

**American Society of Crime Laboratory Directors (ASCLD)**

Inspector, Selection Panel Interview Board.

2000

**National Forensic Science Technology Center**, Technical Working  
Group (TWG) for Bombing and Explosives Investigation, Consultant,

2000 - 2002

**National Instructor Development Academy for Training Death  
Investigation**, Faculty, U.S. Dept. of Justice Grant #98-LB-VX-

0007.

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| 2000 - Present | <b>Forensic Science Certificate Program, Advisory Committee,</b><br>Department of Sociology & Criminal Justice, Saint Louis University |
| 2000 – 2002    | Chair, Forensic Science Educational Conference July 2002,<br>St. Louis, MO   |
| 2003-present   | Editorial Advisory Board, Encyclopedia of Forensic & Legal Medicine,<br>Academic Press   |
| 2003-present   | Director, Forensic Science Educators Conference, July 2004   |

### **HONORS & AWARDS:**

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|------|--|
| 1983 | Who's Who Among Students in American Colleges and Universities,<br>page 412.   |
| 1994 | Recipient of AAFS General Section's John R. Hunt Award (for<br>Outstanding contributions to the forensic sciences) presented at the 46 <sup>th</sup><br>annual meeting of the American Academy of Forensic Sciences,<br>February 16, 1994 in San Antonio, Texas.   |
| 1994 | Recipient of the National Association of Medical Examiners<br>Outstanding Service Award (for significant contributions to the<br>advancement of the medicolegal investigation of deaths in the<br>United States) presented at the 28 <sup>th</sup> annual meeting, September 27,<br>1994 in Charleston, SC |
| 1998 | YWCA Leader Lunch, one of nine representing Saint Louis<br>University (for the contributions to the University and to its<br>surrounding community, and for the demonstration of<br>leadership throughout your work life).   |
| 2002 | Faculty Woman of the Year, Saint Louis University Women's<br>Commission, elected, St. Louis, MO  |

### **PUBLICATIONS PAPERS:**

1. G. E. Murphy, G.E., R.D. Wetzel, S. Katz and M.F. Ernst: On Improvement of Suicide

- Determination. Journal of Forensic Sciences 19:276-283, 1994.
2. M.F. Ernst and G.E. Gantner: Manual for Medicolegal Death Investigators' Training Course P. 415, 1978, revised 1986, 1989, 1990, 1993, 1994, 1995, 1996, 1997, 2000.
  3. J.T. Weston, G.E. Gantner, V.O. McCarty, R.G. Capron, and M.F. Ernst: Guidelines for the Medicolegal Investigation and Examination of Death. The Forensic Science Foundation, Press, 1980.
  4. M.F. Ernst, A. Poklis and G.E. Gantner: Evaluation of Medicolegal Investigators= Suspicions and Positive Toxicology Findings in 100 Drug Deaths. Journal of Forensic Sciences 27:61-65, 1982.
  5. Contributing Editor: Death Investigation & Examination: Medicolegal Guidelines and Checklists. The Forensic Sciences Foundation, Inc., Chapter Three, First Edition, 1986, Second Edition, 1995.
  6. Editor, Masters Manual for Advanced Death Investigation, Saint Louis University, 398 pages, 1985.
  7. Editor, Forensic Administration Conference Manual, Saint Louis University, 131 pages, 1986.
  8. Editor, Masters 2 Manual for Advanced Death Investigation, Saint Louis University, 270 pages, 1987.
  9. Editor, Forensic Administration 2 Conference Manual, Saint Louis University, 143 pages, 1989.
  10. Editor, Masters 3 Manual for Advanced Death Investigation, Saint Louis University, 143 pages, 1989.
  11. Reviewer, Journal of Forensic Sciences, Identifying Plant Food Cells in Gastric Contents for Use in Forensic Investigations. A Laboratory Manual, 130 pages, 1989.
  12. Editor, Masters 4 Manual for Advance Death Investigation, Saint Louis University, 1991.
  13. M.F. Ernst, Are You Sure Its a Natural Death, Newsletter, State of New Mexico Office of the Medical Investigator, Volume XVI, No. 4, Winter, 1992, page 9-10.
  14. Editor, Masters 5 Manual for Advanced Death Investigation, Saint Louis University, St. Louis, MO., Division of Forensic Pathology, 194 pages, 1993.

15. Reviewer, Journal of Forensic Sciences, Volume 39, No. 3, May, 1994: A Review of a Guide to Pathological Evidence for Lawyers and Police Officers, Third Edition, 240 pages
16. Editor, Learning from the Masters Manual, Saint Louis University Health Sciences Center, 98 pages, 1994.
17. Editor, Masters 6 Manual for Advanced Death Investigation, Saint Louis University, St. Louis, Missouri, Division of Forensic Pathology, 274 pages, 1995.
18. Jentzen, Clark and Ernst, Medicolegal Death Investigator Pre-employment Test Development, American Journal of Forensic Medicine and Pathology.17(2):112-116, 1996.
19. Haglund and Ernst, The Lay Death Investigator: In Search of a Common Ground, American Journal of Forensic Medicine and Pathology. 18 (1): 21-25, 1997.
20. Editor, Masters 7 Conference Manual for Advanced Death Investigation, Division of Forensic Pathology, Saint Louis University, St. Louis, MO 289 pages, 1997.
21. R. S. Frank and M.F. Ernst, Co-editors, Proceedings of the 11<sup>th</sup> Interpol Forensic Science Symposium, 21-24, 1995, 354 pages, published by the Forensic Science Foundation Press, Colorado Springs, CO., Aug. 1997.
22. J. M. Jentzen and M. F. Ernst, Developing Medicolegal Death Investigator Systems in Forensic Pathology, CLINICS IN LABORATORY MEDICINE, Forensic Pathology, Part 2, 18(2): 279-322, June 1998.
23. Dix and Calaluce, Guidelines for the Death Scene Investigator, Chapter in Part I: Introduction, Guide to Forensic Pathology, 1997.
24. Medicolegal Death Investigation - Treatises in the Forensic Sciences, 2<sup>nd</sup> edition, Chapter 2, The Death Scene, page 7-105, Forensic Science Foundation Press, 1999.
25. Editor, Masters 8 Conference Manual for Advanced Death Investigation, Division of Forensic Pathology, Saint Louis University, St. Louis, MO, 271 pages, 1999.

### **BOOKS:**

1. Clark, Ernst, Haglund, and Jentzen, The Medicolegal Death Investigator, A Systematic Training Program for the Professional Death Investigator. Occupational Research and Assessment, Inc., Big Rapids, MI 400 pages, April 1996.

2 Dix, J. and Ernst, M.F. Handbook for Death Scene Investigators, CRC Press, 124, pages, 1998.

## **INVITED LECTURES:**

1. Role of the Medical Examiners Office, Greater St. Louis Police Academy, 1 hr. Apr.1978
2. Medicolegal Death Investigators Course, 4 lectures, Saint Louis University School of Medicine, October, 1978
3. Medicolegal Death Investigators Course, 4 lectures, Saint Louis University School of Medicine, Jan. 15-19, 1979
4. Death Investigation Seminar, Role of the Medical Examiner, Decatur, IL, Feb 28, 1979
5. Florissant Valley Community College, Criminal Justice Program, Roles of the Medical Examiner in the Criminal Justice System & morgue tour, 2hr., Mar. 28, 1979
6. Riverview Gardens High School, The Role of the Medical Examiner in the Community, 1 hr., Apr. 5, 1979
7. The Role of the St. Louis County Medical Examiner's Office, Greater St. Louis Police Academy, 1 hr., Apr 20, 1979
8. Blood Spatter Interpretation at a Death Scene, Major Case Squad, 2.5 hr., May 1, 1979
9. Role of Medical Examiner, Identification of Unidentified Persons, Blood Spatter Interpretation, SIDS, Greater St. Louis Police Academy, 3 hr., June 22, 1979
10. Role of the Medical Examiner's Office, St. Joseph's Academy, 1 hr., Oct. 3, 1979
11. Role of the Medical Examiner's Office, Greater St. Louis Police Academy, 2 hr., Oct. 5, 1979
12. Role of the Medical Examiner's Office, Greater St. Louis Police Academy, 1 hr., Nov. 1, 1979
13. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, Jan 14-18, 1980
14. Role of the Medical Examiner's Office, Greater St. Louis Police Academy, 1 hr., Feb. 6, 1980
15. Reporting a Death to the Medical Examiner's Office, St. Joseph's Hospital/Kirkwood, MO, Nursing Staff Conference, 1. hr., Feb. 7, 1980
16. Reporting Deaths to the St. Louis County Medical Examiner's Office, St. Joseph's Hospital/Kirkwood, MO, 1 hr., Feb. 14, 1980
17. Role of the Medical Examiner's Office, Death Scene Investigation, Greater St. Louis Police Academy, 2 hr.,Mar 6, 1980
18. Reporting Deaths to the St. Louis County Medical Examiner's Office, St. Louis Area Emergency Nurses Assn. Conference, 3 hr., Mar 13, 1980
19. Medical Examiner Office Death Scene Investigation, Mid-State Major Case Squad Training Session, 2.5 hr., Columbia, MO, Apr. 1, 1980
20. Role of the Medical Examiner in Death Investigation, St. Charles County Police Academy, Apr. 29, 1980
21. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, May 12-16, 1980
22. Role of the Medical Examiner's Office, Greater St. Louis Police Academy, 2 hr., May 29, 1980

23. Blood Spatter Interpretation at Death Scenes, Forest Park Community College, Criminal Justice Program, 1 hr., July 23, 1980
24. Investigation of Fire Deaths, Eureka Fire Rescue Squad, Eureka, MO, 2 hr., July 30, 1980
25. Death Scene Investigation, Role of Medical Examiner, Identification Techniques, St. Charles Police Academy, Aug. 28, 1980
26. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, Oct. 6-10, 1980
27. Role of the Medical Examiner's Office, Death Scene Investigation, Greater St. Louis Police Academy, 2 hr., Oct. 16, 1980
28. Touring the St. Louis County Medical Examiner's Office, Parkway South High School Students, 1 hr., Oct. 17, 1980
29. Investigation of Fire Fatalities, Southern Illinois Arson Investigators Assn. Madison County Fire Department, Alton, IL, Nov. 19, 1980
30. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, January 19-24, 1981
31. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, May 4-8, 1981
32. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, Oct. 5-9, 1981
33. Training the Medicolegal Death Investigator, Presented at the Annual Meeting of the American Academy of Forensic Sciences, Los Angeles, CA, Feb. 1981
34. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, Jan., 1982
35. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, May, 1982
36. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, Oct. 1982
37. Reporting a Death to the St. Louis County Medical Examiner's Office, Normandy North Emergency Department Nursing Staff, Jan 6, 1983
38. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, Jan. 10-14, 1983
39. Blood Spatter Interpretation, University of Missouri – Columbia, 3 hr., Feb. 2, 1983
40. Blood Spatter Interpretation, University of Missouri – St. Louis, Criminal Justice Program, Mar

- 11, 1983
41. Role of the Medical Examiner's Office, Touring of Medical Examiner Office facilities (3hr.) Greater St. Louis Police Academy, Apr. 11, 1983
  42. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, May 2-6, 1983
  43. Role of the Medical Examiner's Office, Greater St. Louis Police Academy, 2hr., Aug 1, 1983
  44. Forensic Pathology and Death Investigation, St. Charles Police Academy, 3 hr., Sept. 19, 1983
  45. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, Oct. 3-7, 1983
  46. Death Scene Investigation, Identification Techniques, Role of Medical Examiner and Coroner, Drugs of Abuse, Missouri State Highway Patrol Academy, Jefferson City, MO, Oct. 11, 1983
  47. Criminal Investigation Course, Role of the Medical Examiner, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, (5 hr.), Missouri State Highway Patrol Academy, Jefferson City, MO, Nov. 9, 1983
  48. Role of the Medical Examiner's Office and morgue tour, Greater St. Louis Police Academy, 3hr., Nov. 21, 1983
  49. Forensic Pathology and Death Investigation, St. Charles Police Academy, 3 hr., Nov. 30, 1983
  50. Role of the Medical Examiner in Death Investigation, Saint Louis University Medical Technology students, 2hr., Dec. 12, 1983
  51. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, Jan. 9-14, 1984
  52. Forensic Pathology and Death Investigation, St. Charles Police Academy, 3 hr., Mar. 8, 1984
  53. Forensic Pathology lecture, Saint Louis University Medical School, 1 hr., Mar 12, 1984
  54. Role of the Medical Examiner's Office and morgue tour, Greater St. Louis Police Academy, 3hr., Mar. 26, 1984
  55. Investigation of Arson and Fire Deaths, 2hr., Pacific Fire Department, March 27, 1984
  56. Investigation of Arson and Fire Deaths, 2hr., St. Charles Police Academy, May 2, 1984
  57. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, May 14-18, 1984
  58. Narcotics Seminar: Death Scene Investigation, Identification Techniques, Role of Medical Examiner and Coroner, Drugs of Abuse, 5hr., Missouri State Highway Patrol Academy, Jefferson City, MO, May 23, 1984
  59. Investigation of Arson and Fire Deaths, 2hr., Manchester Fire Department, Manchester, MO, July 24, 1984
  60. Identification and Death Investigation, St. Charles Police Academy, 2hr., Aug. 2, 1984
  61. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death

- Investigators' Training Course, Saint Louis University School of Medicine, Oct. 8-12, 1984
62. Role of the Medical Examiner's Office and morgue tour, Greater St. Louis Police Academy, 3hr., Nov. 18, 1984
  63. Blood Spatter Interpretation, Greater St. Louis Police Academy, 1 hr., Dec. 6, 1984
  64. Role of the Medical Examiner in Death Investigation, Saint Louis University Medical Technology students, 2hr., Dec. 17, 1984
  65. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, Jan. 21-25, 1985
  66. Identification and Death Investigation, St. Charles Police Academy, 2hr., Feb 7, 1985
  67. Role of the Medical Examiner's Office and morgue tour, Greater St. Louis Police Academy, (3hr) Mar 25, 1985
  68. Role of the Medical Examiner's Office and morgue tour, Reserve officers training, Greater St. Louis Police Academy, (3hr) Apr 9, 1985
  69. Death Scene Investigation, Illinois State Coroners Assn. Annual Training, Springfield, IL, Apr. 16, 1985
  70. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, May 6-10, 1985
  71. Identification and Death Investigation, St. Charles Police Academy, 2hr., July 10, 1985
  72. Narcotics Investigation Course, Role of the Medical Examiner, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, (5 hr.), Missouri State Highway Patrol Academy, Jefferson City, MO, July 18, 1985
  73. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, Oct. 7-11, 1985
  74. The Role of the Medical Examiner's Office, St. Louis County Police Reserves Training, 2hr., Nov. 12, 1985
  75. Narcotics Investigation Course, Role of the Medical Examiner, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, (5 hr.), Missouri State Highway Patrol Academy, Jefferson City, MO, Dec 10, 1985
  76. Role of the Medical Examiner in Death Investigation, Saint Louis University Medical Technology students, 2hr., Dec. 16, 1985
  77. The Medical Examiner System, Sperring Middle School, Concord School, 1 hr., Jan. 7, 1986
  78. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Jan. 20-24, 1986
  79. General Section Overview, AAFS Annual Meeting Student Academy, 1 hr., New Orleans, Louisiana, Feb. 14, 1986
  80. Introduction to the Medical Examiner System, Forensic Pathology Seminar, Saint Louis University

- School of Medicine, 2 hr., St. Louis, MO, Mar. 3, 1986
81. Fatal Fires, Fire and Arson Investigation Course, Criminal Justice Program, Florissant Valley Community College, 2 hr., St. Louis County, MO, Mar.12, 1986
  82. Introduction to the St. Louis County Medical Examiner's System, Greater St. Louis Police Academy, 2 hrs, St. Louis County Police Academy, Mar. 20, 1986
  83. Introduction to the St. Louis County Medical Examiner's System, St. Louis County Police Recruits, 2 hrs., Mar. 20, 1986
  84. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Apr. 28-May 2, 1986
  85. Blood Spatter Interpretation, Identification Techniques, Death Scene Investigation, Estimation of Time of Death, Missouri State Highway Patrol Recruit Class, 6 hrs, May 6, 1986
  86. Narcotics Investigation Course, Role of the Medical Examiner, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, 5 hr., Missouri State Highway Patrol Academy, 6 hr., Jefferson City, MO, May 13, 1986
  87. Death Scene Investigation, St. Charles Police Academy, Normandy Police Dept., 2 hr., May 21, 1986
  88. Introduction to the St. Louis County Medical Examiner's System, Greater St. Louis Police Academy, 2 hrs, St. Louis County Police Academy, 2 hr., Aug. 12, 1986
  89. Introduction to the St. Louis County Medical Examiner's System, Greater St. Louis Police Academy, 2 hrs, St. Louis County Police Academy, Aug. 18, 1986
  90. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Oct.6-10, 1986
  91. Blood Spatter Interpretation, Death Scene Investigation, Greater St. Louis Police Academy, Detectives Seminar, St. Louis County Police, 2 hr., Oct. 14, 1986
  92. Death Scene Investigation, Reportable Deaths, New Jersey Medical Examiner's Annual Seminar, 2 hr., Oct. 23, 1986
  93. Narcotics Investigation Course, Role of the Medical Examiner, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, 5 hr., Missouri State Highway Patrol Academy, 6 hr., Jefferson City, MO, Nov. 11, 1986
  94. Introduction to the St. Louis County Medical Examiner's System, Greater St. Louis Police Academy, 2 hrs, St. Louis County Police Academy, Nov. 13, 1986
  95. Performance Evaluation of Medicolegal Death Investigators 1986 Annual Meeting of National Association of Medical Examiners, Tucson, Arizona, Nov. 17, 1986.
  96. The St. Louis County Medical Examiner System, Dept. of Medical Technology, Saint Louis University Health Sciences Center, St. Louis, MO, 3 hr., Dec. 1, 1986
  97. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Jan. 19-23,

1987

98. The Role of the St. Louis County Medical Examiner, Paramedic Training Program, St. John's Mercy Medical Center, 1.5hr, Feb. 12, 1987
99. The Role of the Forensic Administrator in a Medical Examiner System, American Academy of Forensic Sciences 1987 Annual Meeting in San Diego, CA , Feb. 20, 1987.
100. The Role of the Medical Examiner, Forensic Pathology Seminar, Saint Louis University School of Medicine, 1 hr., Mar. 9, 1987
101. Crime Scene Investigations, St. Louis County Major Case Squad Annual Meeting, St. Louis, Missouri, 1.5 hr., Mar. 9, 1987
102. Forensic Medicine & Science Opportunities@, University of Missouri-St. Louis, Future Scientists of America Conference, 1 hr., Mar. 13, 1987
103. Forensic Legal Investigation, Midwest Assn. of Legal Investigators Annual Meeting, Bridgeton, MO, 1 hr., Mar. 14, 1987.
104. Death in the Home, St. Andrews Home Health Agencies Annual Meeting, St. Louis County, MO, 1 hr., Mar 18, 1987
105. Death Scene Investigation, St. Louis County Police Academy, 2hr., Mar. 30, 1987
106. Narcotics Investigation Course, Role of the Medical Examiner, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, (5 hr.), Missouri State Highway Patrol Academy, 6 hr., Jefferson City, MO, Apr. 9, 1987
107. Medicolegal Death Investigation, Southern Missouri Law Enforcement Assn. Annual Meeting, Ste. Genevieve, MO, Apr 15, 1987.
108. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Apr.27-May 1, 1987
109. Forensic Medicine Seminar, Missouri Coroner's Association, Chillicothe, Missouri, June 4, 1987.
110. Introduction to the St. Louis County Medical Examiner's System, 2 hrs, St. Louis County Police Academy, June 10, 1987
111. Death Scene Investigation, St. Louis County Police Academy, 2hr., Aug. 20, 1987
112. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Oct. 5-9, 1987
113. Narcotics Investigation Course, Role of the Medical Examiner, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, (5 hr.), Missouri State Highway Patrol Academy, 6 hr., Jefferson City, MO, Oct. 14, 1987
114. Introduction to the St. Louis County Medical Examiner's System, 2 hrs, St. Louis County Police Academy, Oct. 29,1987
115. The St. Louis County Medical Examiners Office, St. Louis County Police Reserve Class, 2hr. Nov. 12, 1987
116. Investigation of Emergency Room Deaths, Paramedic and Emergency Room Staff, St. Joseph's Hospital, Kirkwood, MO 1.5 hr., Dec. 4, 1987.

117. The St. Louis County Medical Examiner System, Dept. of Medical Technology, Saint Louis University Health Sciences Center, St. Louis, MO, 3 hr., Dec. 14, 1987
118. Death Investigation and the Medical Technologist, Medical Technology Students, St. John's Mercy Medical Center, St. Louis, MO, 1 hr., Jan. 15, 1988.
119. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Jan. 18-22, 1988
120. What is a Death Investigator, American Academy of Forensic Sciences Annual Meeting, General Section Luncheon Speaker, Philadelphia, PA, February 17, 1988.
121. The St. Louis County Medical Examiner System, St. Louis County Police Academy, 2 hr. Mar. 2, 1988
122. Narcotics Investigation Course, Role of the Medical Examiner, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, (5 hr.), Missouri State Highway Patrol Academy, 6 hr., Jefferson City, MO, Mar. 1, 1988
123. Death Scene Investigation, St. Louis City Police Academy Class, 2 hr., Mar. 2, 1988
124. Blood Spatter Interpretation at a Crime Scene, St. Charles Police Academy Training Seminar, 2hr. Mar. 24, 1998
125. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Apr. 25-29, 1988
126. The St. Louis County Medical Examiner's Office, St. Louis County Police Academy, 2 hr., May 24, 1988
127. The Role of the Medical Examiner/Coroner, Notification of Next of Kin, Identification Techniques, Estimation of Time of Death, Blood Spatter Interpretation, 6 hr., Missouri State Highway Patrol Academy, 6 hr., Aug. 10, 1988
128. Fire Deaths, Missouri Chapter of International Assn. Of Arson Investigators, St. Louis, MO. 2hr. Sept. 24, 1988
129. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Oct. 3-7, 1988
130. Training the Death Investigator, Michigan Association of Medical Examiners, 1 hr., Saginaw, MI, Oct. 15, 1988
131. Narcotics Investigation Course, Role of the Medical Examiner, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, (5 hr.), Missouri State Highway Patrol Academy, 6 hr., Jefferson City, MO, Oct. 25, 1988
132. The Role of the Medical Examiner, St. Louis Medical Technology Assn. Annual Meeting, St. Louis, MO, 2 hr., Dec. 8, 1988.
133. Reporting a Death to the Medical Examiner's Office, St. Luke's Medical Center Nursing Staff Conference, St. Louis, MO, 1.5 hr., Jan. 17, 1989.

134. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Jan. 23-27, 1989
135. Differentiating Between Homicide and Suicide at the Death Scene, Criminal Investigation Training Course, St. Louis County Police Academy, 2hr., Feb. 22, 1989
136. Narcotics Investigation Course, Role of the Medical Examiner, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, 5 hr., Missouri State Highway Patrol Academy, 6 hr., Jefferson City, MO, Mar. 1, 1989
137. The Medical Technologist's Role in the Forensic Sciences, Saint Louis University Medical Technology students, 3 hr., Apr. 3, 1989
138. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Apr. 24-28, 1989
139. Crime and Clues in Literature, English Class, McCluer Senior High School, St. Louis, MO, 1 hr., May 24, 1989
140. Blood Spatter Interpretation at a Crime Scene, St. Charles Police Academy Training Seminar, 2hr. June 8, 1989
141. The St. Louis County Medical Examiner's System, St. Louis County Police Academy, 2hr. June 14, 1989
142. M.F. Ernst: Arson Death Investigations, St. Louis County Arson Task Force Training Seminar, 2hr., July 11, 1989.
143. Death in the Home, Norell Health Care Staff Meeting, St. Louis, MO, 1 hr., July 13, 1989.
144. Role of the Medical Examiner/Coroner, Notification of Next of Kin, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Missouri State Highway Patrol Academy, 6 hr., Aug. 9, 1989
145. Role of the Medical Examiner in Death Investigation, St. Louis County Police Academy, Homicide Seminar, 1 hr., Sept. 11, 1989
146. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Oct. 2-6, 1989
147. The St. Louis County Medical Examiner's System, St. Louis County Police Academy, 2hr. Oct. 24, 1989
148. Narcotics Investigation Course, Role of the Medical Examiner, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, 5 hr., Missouri State Highway Patrol Academy, 6 hr., Jefferson City, MO, Oct. 25, 1989
149. Fire Deaths, St. Louis County Fire Fighters Seminar, Crestwood Fire Department, 2 hr., Nov. 1, 1989.
150. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death

- Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Jan. 22-26, 1990
151. Investigating the Causes of Death. St. Louis University Medical Technologists-Senior Seminar, St. Louis, MO, Feb 26, 1990
  152. Role of the Medical Examiner in Death Investigation, St. Louis County Police Academy, 2hr., Mar. 1, 1990
  153. Role of the Medical Examiner/Coroner, Notification of Next of Kin, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Missouri State Highway Patrol Academy, 6 hr., Mar. 16, 1990
  154. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Apr. 23-27, 1990
  155. Death Scene Investigation & Identification Techniques, St. Louis Major Case Squad Training Sessions, 1.5 hr., St. Louis, MO, May 22, 1990
  156. Role of the Medical Examiner's Office, St. Louis County Police Academy, 2 hr., June 26, 1990.
  157. Forensic Death Investigation, Missouri State Highway Patrol Recruit Class, Jefferson City, MO, 6 hr., August 7-8, 1990
  158. Age of the Affiliate, National Assn. of Medical Examiners Annual Meeting, Denver, Colorado, 20 min., Sept. 15, 1990.
  159. Investigating Fire Deaths, Professional Fire and Fraud Investigators Association. Annual Meeting, Springfield, MO, 1 hr., September 24, 1990
  160. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Oct. 1-4, 1990
  161. Death Scene Investigation, St. Louis County Police Academy, 2 hr., Nov. 2, 1990
  162. Death Scene Investigation, and Identification Techniques, West Coast Seminar, Los Angeles, CA, November 9-10, 1990.
  163. Examination of Blood Stain Evidence at a Crime Scene, St. Charles County Identification Seminar, St. Louis, Missouri, January 9, 1991.
  164. Reporting a Home Death, Norell Health Delivery Systems Nursing Staff Meeting, Clayton, MO, 1 hr., Jan. 10, 1991.
  165. Reporting a Home Death, Norell Health Delivery Systems Nursing Staff Meeting, Clayton, MO, 1 hr., Jan.17, 1991.
  166. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Jan. 28-Feb 1, 1991
  167. Futures in the Forensic Sciences, Engelmann Academic Year Institute, University of Missouri-St. Louis, 2 hr., Feb. 11, 1991.
  168. Common Investigative Pitfalls in Death Investigation, presented at the American Academy of

- Forensic Sciences 42<sup>nd</sup> Annual Meeting, Anaheim, CA, Feb. 21, 1991
169. The Medical Technologist's Role of Death Investigation, Saint Louis University, School of Medical Technology, Mar. 4, 1991.
  170. Investigation of Fire Deaths, St. Charles County Fire Investigation School, St. Charles, MO, Mar. 13, 1991.
  171. The Role of the Medical Examiner in Death Investigation, St. Louis County Police Academy, 2 hr., Mar. 15, 1991
  172. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Apr. 22-26, 1991
  173. Narcotics Investigation Course, Role of the Medical Examiner, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, 5 hr, May 21, 1991
  174. The Role of the Medical Examiner in Death Investigation", St. Louis County Police Academy, 2 hr., July 1, 1991
  175. Blood Spatter Contamination at the Crime Scene, International Association of Identification, Annual Educational Meeting, 1.5 hr., St. Louis, MO, July 10, 1991
  176. M.F. Ernst: Pitfalls in Death Investigation, St. Louis University School of Medicine, Master 4 Conference, 1 hr., July 23, 1991.
  177. Investigation of Drug Related Deaths, Missouri State Highway Patrol, Jefferson City, MO, August 1 & 2, 1991.
  178. Forensic Investigation of Fatal Fires, St. Louis County Arson Investigation Task Force, 1 hr. Aug. 27, 1991.
  179. Investigative Pitfalls, National Association of Medical Examiners, 25<sup>th</sup> Anniversary Meeting, Hawaii, 1 hr., September 25, 1991.
  180. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Oct. 14-18, 1991
  181. Fire Death Investigation, Florissant Valley Fire District, 1 hr., Oct. 21, 1991
  182. Death Scene Investigation and Common Investigative Pitfalls in Death Investigation, Province of Ontario, Canada, Coroner Training Seminar, Oct. 24 & 25, 1991.
  183. M.F. Ernst: The Role of the Medical Examiner in Death Investigation, St. Louis County Police Academy, 2 hr., Oct. 28, 1991.
  184. M.F. Ernst: Death in Literature, McCluer High School, St. Louis, MO, 1 hr., Nov. 19, 1991.
  185. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Jan. 20-24, 1992
  186. The Medical Technologists Role in Death Investigation, Saint Louis University, School of Medical Technology, Feb. 3, 1992.

187. Core Curriculum for the Medicolegal Death Investigator, American Academy of Forensic Sciences, New Orleans, LA-Breakfast Seminar, Feb.21, 1992.
188. Investigation of Fatal Fires, International Association of Arson Investigators Annual Training Session, 2 hr., February 28, 1992.
189. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Apr. 20-24, 1992
190. Blood Spatter Interpretation and Death Scene Investigation, Major Case Squad of Greater St. Louis Annual Training Session, 4 hr., June 2, 1992.
191. Introduction to Forensic Medicine and the Forensic Sciences, Missouri Scholars Academy, Columbia, MO, June 17 & 18, 1992.
192. 197.Medicolegal Investigation of Fatal Fires, Fire & Emergency Television Network, Training film (Unit 4: Fire/Arson Detection) for fire fighters and medical rescue personnel, St. Louis, MO, July 21, 1992.
193. Forensic Death Investigation, Missouri State Highway Patrol Recruit Class, Jefferson City, MO, 4 hr., July 28, 1992
194. 199.Death Investigation for Police Officers, Missouri State Highway Patrol Academy, Jefferson City, MO, July 29 & 30, 1992.
195. Physician Assistants as Death Investigators, St. Louis University Physician Assistants Program, St. Louis, MO, Aug. 4, 1992.
196. 201.Death Investigation in the 90s, Washington State Criminal Justice Training Commission, Annual Coroner Training Seminar, Seattle, Washington, Aug. 20, 1992.
197. Vehicle Homicide Investigation, St. Louis County Police Academy, St. Louis, MO, 1.5 hr., Aug. 27, 1992.
198. Investigation of Fatal Fires, Arson: Cause and Origin Seminar, St. Louis County Police Academy, 1,25 hr., Sept. 3, 1992.
199. Scene Set-ups: It sure Looks like a Natural Death, National Association of
  - a. Medical Examiners, 1992 Annual Meeting, Milwaukee, WI, Sept. 21, 1992
200. 205.Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Oct. 5-9, 1992
201. Gathering Evidence at Scene of Questionable Deaths, Annual Pre-Hospital Care Conference, St. Louis University Hospital, Oct. 9, 1992
202. Pedestrian and Motor Vehicle Death Investigation, St. Louis County Police Academy, 1 hr. Nov. 1, 1992.
209. Role of the Medicolegal Death Investigator, Identification Techniques, Death Scene Investigation, Blood Spatter Interpretation, Thermal Injuries, Weather-related Deaths, Medicolegal Death Investigators' Training Course, Saint Louis University School of Medicine, 6 hrs. Jan. 25-29, 1993

210. Introduction to Forensic Medicine and the Forensic Sciences, Saint Louis University School of Medical Technology, St. Louis MO, Feb.1, 1993.
210. Update of Death Investigation Techniques, Are you Sure Its a Natural Death? Missouri Coroners & Medical Examiners Annual Training Seminar, Jefferson City, MO, Feb.25, 1993.
211. Investigation of Fatal Fires and Patience - With Our Patients, Kansas City Arson Task Force Training Seminar, Kansas City, MO, Feb.27, 1993.
212. Vehicular Homicide Investigation Seminar, St. Louis County Police Academy, 1 hr., April 7, 1993.
213. Investigation of Vehicular Deaths, St. Louis County Police Academy, Recruit Class #127, 1 hr., Apr. 12, 1993.
214. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Apr. 19-23, 1993
215. Forensic Death Investigation, 1993 Recruit Training Class, Missouri Highway Patrol, Jefferson City, MO, 8 hr., July 15, 1993.
216. Investigating Fatal Fires, Missouri Fire Marshall's Annual Training Session, St. Louis County Police Academy, 1.5 hr., July 22, 1993.
217. Current Death Investigation Techniques, panel for National Romance Writers Conference, Adam's Mark Hotel, St. Louis, MO, July 31, 1993.
218. The Lay Death Investigator: Extinction, Stasis or Evolution? Affiliate Scientific Program, National Association of Medical Examiner's 27<sup>th</sup> Annual Meeting, Fort Worth, TX, September 13, 1993.
219. Solving the Mysteries of Death, Science EXPO'93 Rockwood School District, 3 hr., Ellisville, MO, Oct. 2, 1993.
220. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Oct. 4-8, 1993
221. Vehicular Homicide Investigation Seminar, St. Louis County Police Academy, 1.25 hr. Nov. 12, 1993
222. Are You Sure its a Natural Death? , Missouri Coroner's and Medical Examiner's Association Fall Training Session, Central Missouri State University, Nov. 18, 1993.
223. Investigating the Causes of Death, Senior Medical Technology Seminar, Saint Louis University, Dec. 2, 1993
224. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Jan. 24-28, 1994
225. Medicolegal Death Investigators - Extinction, Stasis or Evolution?, American Academy of Forensic Sciences 45<sup>th</sup> Annual Meeting, San Antonio, TX, Feb. 17, 1994.
226. Death Investigation of Serial Murder Victims, Missouri Coroner's and Medical Examiner's Association, Spring Training Session, Jefferson City, MO, Feb. 24, 1994.
227. Insuring a Complete Death Investigation, South Carolina Coroners and Medical Examiners

- Association Annual Meeting, Charleston, SC, Mar. 20, 1994
228. 227. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Apr. 25-29, 1994
  229. The Emergency Department's Responsibility in the Investigation for Violent Deaths, St. Mary's Health Center, St. Louis, MO, 1 hr., May 25, 1994.
  230. Forensic Medicine: Solving the Mysteries of Death, Missouri Scholars Academy, University of Missouri - Columbia, MO, 2 hr., June 21, 1994.
  231. Motor Vehicle and Pedestrian Death Investigation, St. Louis County Police Academy, 1.25 hr., June 29, 1994
  232. Forensic Sciences and their Role in Community Deaths, Overland Rotary Club, 1hr., Overland, MO, July 6, 1994.
  233. Investigating Deaths of Hospice Patients, presented at the 28<sup>th</sup> Annual Meeting of the National Association of Medical Examiners, Sept. 26, 1994 in Charleston, SC.
  234. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Oct. 3-7, 1994
  235. How the Forensic Sciences can Protect Your Community, Maryland Heights Kiwanis Club, Maryland Heights, MO, 1 hr., Oct. 24, 1994.
  236. .Vehicular Death Investigation, St. Louis County Police Academy, 1 hr. Nov. 9, 1994
  237. Patience with OUR Patients, Community Fire Protection District, 2 hr., Nov. 10, 1994
  238. .Death Scene Investigation, Jefferson College, 2 hr., Nov. 21, 1994
  239. .Patience with our Patients, Paramedic Training Session, St. Mary's Health Center, Richmond Heights, MO, 1.5 hr., Nov. 30, 1994.
  240. .The A-B-Cs of Death Investigation, Indiana Coroners Association Annual Meeting, Indianapolis, IN, Dec. 1-2, 1994.
  241. WHO DUNNIT; HOW THEY FIND OUT, Missouri Chapter of Romance Writers of American, St. Louis, MO, Dec. 3, 1994.
  246. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Jan. 23-27, 1995
  247. Medicolegal Death Investigation of Fire Fatalities, Greater St. Louis Area Fire Chiefs Association, Special Programs Series, 3 hr., Feb. 7 & 8, 1995.
  247. The Role of a Medicolegal Death Investigator, Saint Louis University Hospital Auxiliary, Saint Louis University Hospital, Mar. 15, 1995.
  - 248: Reporting of Hospice Deaths to Missouri Coroners, Missouri Coroners and Medical Examiners Association 1995 Annual Meeting, Jefferson City, MO, Mar. 23, 1995.
  - 249.The Medical Examiner's System and Facilities, Jefferson County MO Community College, Criminal Justice students, Mar. 30, 1995.
  251. 250.Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a

- Natural Death, 7 hr., Apr. 24-28, 1995
252. Preservation of Evidence in Patients under the Jurisdiction of the Medical Examiner's Office, Cardinal Glennon Hospital Emergency Department Staff Meeting, May 16, 1995.
  253. Investigation of Motor Vehicular Fatalities, St. Louis County Police Academy, 1.25 hr., St. Louis, MO, May 17, 1995.
  254. The Role of the Medical Examiner in the Community, Lambert Airport Rotary Meeting, 1 hr., Aug. 24, 1995.
  255. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Oct. 2-6, 1995
  256. The Forensic Sciences in the Judicial System, St. Louis County Public Defenders 1995 Symposium, St. Louis County Courthouse, 1.25 hr., Oct. 13, 1995.
  257. Continuing to Investigate Hospice Deaths - A survey of national local trends, 1995 Annual Meeting, National Association of Medical Examiners, San Diego, CA, Oct. 23, 1995.
  258. Vehicular Fatality Investigation, St. Louis County Police Academy, 1,5 hr. Nov. 29, 1995.
  259. The Medical Examiner System in the Community, Hazelwood School District Nursing Education, 2.5 hr., Dec. 14, 1995.
  260. Medicolegal Death Investigator - Pilot Training, 3 lectures, Ferris State University, Big Rapids, Michigan, Jan. 13, 1996.
  261. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Jan. 23-27, 1996
  262. Managing the News Media – It's a Contest That You Can Win! American Academy of Forensic Sciences, 48<sup>th</sup> Annual Meeting, Feb. 19, 1996, Nashville, TN.
  263. Dealing with the News Media Regarding Coroner Cases, Missouri Coroners and Medical Examiners Association, 1996 Annual Training Session, Mar. 14, 1996, Jefferson City, MO.
  264. The Medical Technologist's Role in Medical Examiner's Cases, Saint Louis University Health Sciences Center, Medical Technology students Senior Symposium, St. Louis, MO, Apr. 1, 1996.
  265. Investigation of Motor Vehicular Fatalities, St. Louis County Police Academy, St. Louis, MO, 1 hr., Apr. 18, 1996.
  266. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Apr. 22-26, 1996
  267. Role of the Medical Examiner in the Community, Overland Rotary Club, St. Louis, MO, 1 hr., April 17, 1996.
  268. The Role of the Death Investigator on the Child Fatality Review Panel, State Child Fatality Review Team Committee, Austin, TX, May 10, 1996.
  269. Death Investigation Symposium, Kankakee Community College, Kankakee, IL, 8 hr., May 14, 1996
  270. 262. Medicolegal Death Investigator - Pilot Training, Milwaukee Medical Examiner's Office three lectures, Milwaukee, WI, June 15, 1996.

271. Forensic Medicine: Solving the Mysteries of Death, Missouri Scholars Academy, University of Missouri-Columbia, 2hr., June 19, 1996.
272. Laying the Foundation for a Thorough Medicolegal Death Investigation, Indiana Coroners Training Conference, Evansville, IN, June 24, 1996.
273. Investigation of Suicidal Deaths, Mississippi Coroners Annual Training Conference, 2 hr., Biloxie, MI, July 16, 1996.
274. Investigation of Motor Vehicle Fatalities, St. Louis County Police Academy, 1.25hr., Aug. 6, 1996.
275. Patience with OUR patients - Preservation of Evidence by First Responders and Patience with OUR Patients - Preservation of Evidence in the Emergency Department, Tenth Annual Missouri Combined Clinical Conference in Emergency Care, Osage Beach, MO, Aug. 8, 1996.
276. The Medical Technologist as a Forensic Scientist, Saint Louis University School of Medical Technology Senior Seminar, Aug.13, 1996.
277. The Medicolegal Death Investigator - Progressing to Certification, 30<sup>th</sup> Annual Meeting, National Association of Medical Examiners, Traverse City, MI, Sept. 16, 1996.
278. The Medicolegal Death Investigator - An Interesting Character, The Romance Writers of American, St. Louis, MO, Sept. 21, 1996.
279. Southeastern Illinois Coroners' Training Symposium, three lectures, Lincoln Trails Community College, Robinson, IL, Sept. 25, 1996.
280. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Oct. 7-11, 1996
281. Infant and Children Death Scene Investigation, Child Fatality Investigation Seminar, Travis County Children's Advocacy Center, Austin, TX, Oct. 21, 1996.
282. Investigation of Suicidal Deaths, Missouri Coroner Semi-Annual Training Symposium, Jefferson City, MO, Nov. 8, 1996.
283. Differentiating between Suicide and Homicide at the Crime Scene, The International Association of Homicide Investigators, 1996 Annual Convention, Marriott Pavilion, 1.5hr. Nov. 21, 1996.
284. Investigating Motor Vehicle Fatalities, St. Louis County Police Academy, 1.25 hr., Nov. 27, 1997.
285. Differentiating Between Suicide and Homicide at the Death Scene, Madison County, Illinois Coroner's 4<sup>th</sup> Annual Symposium, Edwardsville, IL, 2hr., Dec. 10, 1996.
286. Death Investigation Symposium, 1997 Training Program for Mississippi Coroners Association, (8 hours lectures), January 6-7, 1997, Jackson, MI.
287. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Jan. 27-31, 1997
288. Investigating Fatal Fire Fatalities, St. Louis County Fire Academy, 1.5 hr., Feb.12, 1997
289. Curing the Ills of Death Investigator Systems in the United States, American Academy of Forensic Sciences, 49<sup>th</sup> Annual Meeting, New York, NY, Feb.21, 1997.
290. Radiology's Role in the St. Louis County Medical Examiner's Office, 4<sup>th</sup> District Radiologists Association, Saint Louis University Hospital, 1 hr., Feb. 27, 1997
291. Missouri Coroner Annual Spring Training Conference, 4 hrs., Jefferson City, MO, Mar. 27-28,

- 1997.
292. Basic Crime Scene Investigation, St. Louis County Police Academy, 2 hr., Apr. 2, 1997
  293. Death Scene Investigation, Livingston County, Illinois Death Investigation Seminar, 2 hr. Pontiac, IL, Apr. 12, 1997.
  294. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Apr. 21-25, 1997
  295. Investigating Motor Vehicle Fatalities, St. Louis County Police Academy, 1.25hr., May 1, 1997.
  296. Death Scene Preservation, Missouri Baptist Hospital Emergency Personnel Monthly Training Session, St. Louis, MO, 2 hr., May 20, 1997.
  297. Wisconsin Medical Examiners and Coroners Annual Training Program (6 hours lectures), Mosinee, WI, June 10-11, 1997.
  298. Certification of Death Investigation - Progress and Support, Masters 7 Conference, Saint Louis University School of Medicine, St. Louis, MO, July 30, 1997.
  299. Investigating Motor Vehicle Fatalities, St. Louis County Police Academy, 1.25hr., Aug. 12, 1997.
  300. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Oct. 6-10, 1997
  301. Investigating Motor Vehicle Fatalities, St. Louis County Police Academy, 1.5 hr., Oct. 21, 1997.
  302. Death Scene Investigation, Missouri Coroner's Fall Training Meeting, Jefferson City, MO, Nov. 7, 1997.
  303. Introduction to the Forensic Sciences, Clinical Laboratory Science students, St. Louis University, St. Louis, MO, Nov. 20, 1997.
  304. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Jan. 26-30, 1998
  305. Proposed Guidelines for the American Board of Medicolegal Death Investigation, Inc. National Implementation Team, San Francisco, CA, Feb.6, 1998.
  306. The Origin of the Death Investigator Species, General Section, 50<sup>th</sup> Annual Meeting, American Academy of Forensic Sciences, San Francisco, CA, Feb.12, 1998.
  307. Why Guidelines are Important to the Medicolegal Death Investigator, Pathology-Biology Section, 50<sup>th</sup> Annual Meeting, American Academy of Forensic Sciences, San Francisco, CA, Feb. 14, 1998.
  308. Introduction to the Forensic Sciences, The Association of Criminal Justice and Sociology Students, Saint Louis University, 1 hr., March 22, 1998.
  309. The American Board of Medicolegal Death Investigators - Becoming a Registered Death Investigator, Missouri Coroner's Spring Training Meeting, Jefferson City, MO, April 3, 1998
  310. Investigating Motor Vehicle Fatalities, St. Louis County Police Academy, 1.5 hr., Apr. 14, 1998.
  311. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death

- Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Apr. 20-24, 1998
312. Death Scene Investigation and Are You Sure It's a Natural Death? 13<sup>th</sup> Annual Medicolegal Investigation of Death Seminar, Morgantown, PA, Apr. 25, 1998
  313. Introduction to the Forensic Sciences, Dept of Physical Medicine, Saint Louis University, 1 hr., Continuing Education Symposium, May 28, 1998.
  314. Investigating Motor Vehicle Fatalities, St. Louis County Police Academy, 1 hr., July 16, 1998.
  315. Driving While Intoxicated - Its Fatal Consequences, MAAD, (Mothers Against Drunk Drivers) Remedial Session, Crestwood Government Center, 1.5 hr., Sept. 1, 1998.
  316. Indianapolis ORA Training Session, 6 hr., Indianapolis, IN, Sept. 9, 1998
  317. Investigating Fire Fatalities, Missouri Fire Investigators Annual Seminar, 2hr., Joplin MO, Sept. 29, 1998
  318. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Oct. 5-9, 1998
  319. Investigating Motor Vehicle Fatalities, St. Louis County Police Academy, 1.5hr., Oct. 16, 1998.
  320. Death Scene Investigation, Identification Techniques, Certification of Death Investigators, Missouri Coroners & Medical Examiners Fall Training, Jefferson City, MO, Oct. 22, 1998.
  321. Medicolegal Death Investigation for the 21<sup>st</sup> Century-Board Certification, 33<sup>rd</sup> Annual Meeting of the National Association of Medical Examiners, Affiliate Session, Nov. 2, 1998.
  322. Differentiating between Suicide and Homicide at the Death Scene, Investigating Unexpected Deaths, Mississippi State Medical Examiner's Office Fall Training, 4 hr., Jackson MS, Nov. 16-17, 1998.
  323. Death Investigation Report Writing Notification of Next of Kin, Ethical practices for Death Investigators, Indiana Coroner's Training Seminar, Fort Wayne, IN, Nov. 20-21, 1998.
  324. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Jan. 25-29, 1999
  325. The Role of the Medicolegal Death Investigator in the Forensic Sciences, Young Forensic Scientists Forum, American Academy of Forensic Sciences Annual Meeting, Orlando, FL, Feb. 16, 1999.
  325. AAFS Accreditation and Board Certification for the Medicolegal Death Investigator, General Section Luncheon Program, American Academy of Forensic Sciences Annual Meeting, Orlando, FL, Feb. 17, 1999.
  326. Death Investigation Report Writing, Notification of Next of Kin, Ethical Practices for Death Investigators, Completing Death Reporting Forms, Indiana State Coroners Training Project, Evansville, IN, Mar. 27, 1999.
  326. Investigating Motor Vehicle Fatalities, St. Louis County Police Academy, 2 hr., Apr. 14, 1999.
  327. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Apr. 19-23, 1999

328. Death Investigation, A Guide for Paramedics and Emergency Department Personnel Domestic Violence: Risks and Responsibilities, OASIS Women's Center, Symposium, 1.5 hr., SIU-Edwardsville, IL, April 29, 1999
329. 275. Death Scene Investigation, Department of Physical Medicine, SLU, Continuing Education Symposium, May 6, 1999.
330. Introduction to the Forensic Sciences, Future Scientists of America, Francis Howell School District, St. Charles, MO, May 12, 1999.
331. Death Investigation, A Guide to Paramedics and Emergency Department Personnel, St. Mary's Health Center, Continuing Education Program, 1.5 hr., June 3, 1999
332. The American Board of Medicolegal Death Investigators-What Does Certification Mean to You? Masters 8 Conference, Saint Louis University School of Medicine, St. Louis, MO. July 27, 1999.
333. Vehicular Death Investigation, St. Louis County Police Academy, 1.5 hr., Aug. 23, 1999
334. Indianapolis Coroner Training Session, 5 lectures, Indianapolis, IN, Sept 9, 1999
335. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Oct. 4-8, 1999
336. The American Board of Medicolegal Death Investigators-Progressing Forward, National Assn. Of Medical Examiners Annual Meeting, Minneapolis, MN, Oct. 19, 1999.
337. NIJ Training for Death Investigators, 5 lectures, Grand Rapids, MI, Oct. 25-26, 1999.
338. West Central Illinois Regional Coroner Training, 6 lectures, Jacksonville, IL, Nov. 9, 1999
339. Mississippi Coroner Association - Advanced Training Symposium, 7 hours, Jackson, MI, Nov. 29-30, 1999.
340. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Jan. 24-28, 2000
341. Death Investigation - The Role of the Scene Investigator, Clinical Laboratory Science Symposium, Saint Louis University, Allied Health, St. Louis, MO, Feb. 7, 2000
342. Mock Trial - Investigation of Deaths Involving Medical Technologists, Clinical Laboratory Science Symposium, Saint Louis University, Allied Health, St. Louis, MO, Feb. 14, 2000
343. Investigating Motor Vehicle Fatalities, St. Louis County Police Academy, 1.5 hr., Mar. 28, 2000.
344. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Apr. 3-7, 2000
345. Medical Examiner Forensic Investigations - From a Nurse's Perspective, Maryville University of Nursing, 1 hr., St. Louis County, MO, Apr. 10, 2000
346. The 21<sup>st</sup> Century Medicolegal Death Investigator - Incompetence Will No Longer Be Tolerated, Keynote Speaker, International Association Of Coroners and Medical Examiners Annual Meeting, Gurnee, IL, June 14, 2000.
347. Final Exit - The Suicide Cookbook, National Association of Medical Examiners Annual Meeting, Indianapolis, IN, Sept.19, 2000.

348. Certification of Forensic Science Professionals, National Center for Forensic Sciences, Fire and Bomb Investigators, 1 hr., Orlando, FL., Aug. 7, 2000
349. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Oct. 2-6, 2000
350. National Instructor Development Academy for Training Death Investigation, Instructor for Teaching Laboratories and Evaluator of Academy Participant presentations, Saint Louis University School of Medicine, St. Louis, MO, Oct. 25-29, 2000
351. Death Scene Investigation, Iowa Association of Medical Examiner's Annual Meeting, Des Moines, IA, Nov. 3, 2000
352. Investigating Motor Vehicle Fatalities, St. Louis, County Police Academy, 1.25 hr. Nov. 7, 2000.
353. Introduction to Forensic Sciences, School of Allied Health, Saint Louis University, St. Louis, MO., Dec. 7, 2000
354. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Oct. 2-6, 2000
355. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Jan. 22-26, 2001
356. The American Board of Medicolegal Death Investigators - Progressing Forward, American Academy of Forensic Sciences Meeting, Seattle, WA. Feb. 23, 2001
357. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Apr. 3-7, 2001
358. Role of the Medicolegal Investigator, Death Scene Investigation, Are you SURE It's a Natural Death? Missouri State Investigators Association Annual Training Seminar, Westport Holiday Inn, May 2, 2001
359. Becoming Certified by the American Board of Medicolegal Death Investigators, First Maples Symposium, University of Gainesville, Gainesville, FL, Aug. 8, 2001
360. Investigating Motor Vehicle Fatalities, St. Louis County Police Academy, 1.5 hr., Aug. 10, 2001
361. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Oct. 1-4, 2001
362. The American Academy of Forensic Sciences Addresses Legal Issues, 3<sup>rd</sup> Annual National Conference of Science and Law, Miami, FL, Oct. 4, 2001
363. Investigating Fire Deaths and Forensic Scientists Used in Death Investigations, American Assn. of Legal Nurses Annual Training Seminar, Creve Coeur Fire Department, 2.5 hr., Oct. 26, 2001
364. Investigating Motor Vehicle Fatalities, St. Louis County Police Academy, 1.5 hr., Oct. 29, 2001
365. Are you SURE its a Natural Death? Role of the Investigator, Death Scene Investigation, Jackson County Medical Examiner's Symposium, Kansas City, MO, Nov. 1, 2001
366. Opportunities for Medical Technologists in the Field of the Forensic Sciences, Death Scene

- Investigation, Clinical Laboratory Science students, Saint Louis University, Nov. 29, 2001
367. Clinical Lab Science Students and Death Investigation, Saint Louis University Health Science Center, 2 hr., Nov. 29, 2001
  362. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Jan. 21-25, 2002
  363. The Role of Young Forensic Scientists in the AAFS Forensic Science Educator Program, AAFS 54<sup>th</sup> Annual Meeting, Atlanta, GA, Feb.12, 2002.
  364. Opening Remarks, AAFS 54<sup>th</sup> Annual Meeting, Atlanta, GA, Feb.13, 2002
  365. 17<sup>th</sup> Annual Jack Frost Forensic Death Investigation Seminar, Morgantown, WV, two presentations, Apr. 6, 2002
  366. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, Vehicular Deaths, 8 hr., Apr. 22-26, 2002
  367. Advertising Forensic Science Education Conference, KSDK TV, Windows on St. Louis, 1 hr., Apr. 29, 2002
  368. ABMDI Certification for Law Enforcement Personnel, Forensic Archeology Conference, FBI St. Louis Headquarters, 1 hr., June 17, 2002
  368. Opening Remarks, Forensic Science Educators Conference, Saint Louis University School of Medicine, July 25, 2002
  369. Introduction of five speakers, Forensic Science Educators Conference, Saint Louis University School of Medicine, July 26, 2002
  370. Opening Session Remarks (Forensic Workshops), Forensic Science Educators Conference, Saint Louis University School of Medicine, July 27, 2002
  371. Review of Forensic Science Educators Conference, American Academy of Forensic Sciences Executive Committee meeting, Chicago, IL, Aug. 10, 2002
  372. Motor Vehicle Fatality Investigation, St. Louis County Police Academy, 1.5 hr., Aug. 26, 2002
  373. The American Academy of Forensic Sciences Forensic Specialties Accreditation Board, First American-Turkish Forensic Science Conference, Istanbul, Turkey, Sept. 10, 2002
  374. The ABMDI – Advancing to Accreditation, 36<sup>th</sup> Annual Meeting, National Association of Medical Examiners, Shreveport, LA, Sept.30, 2002
  375. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, Vehicular Deaths, 8 hr., Oct. 7-11, 2002
  376. Motor Vehicle Fatality Investigation, St. Louis County Police Academy, 1.5hr., Oct. 23, 2002.
  377. Patience with “Our Patients”, Illinois State EMS Annual Training Seminar, Belleville Memorial Hospital, 2 hrs, Oct. 26, 2002
  378. Dealing with Violent Death Evidence in the Emergency Department, First Emergency Responders Conference, Saint Louis University School of Medicine, St. Louis, MO, 1.5 hr., Nov. 22, 2002.
  379. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural

- Death, Vehicular Deaths, 8 hr., Jan. 27-31, 2003
380. Report of First Forensic Science Educators Conference, 56<sup>th</sup> Annual meeting American Academy of Forensic Sciences, Chicago, IL, Feb. 20, 2003
  381. Introductions to the Forensic Sciences, Lindbergh High School Scholars, 1 hr., Mar. 12, 2003
  382. Training, Registry and Certification of Investigators, Institutes of Medicine, Workshop on the Medicolegal Death Investigation System, National Academies of Science, Washington, DC, Mar. 24, 2003
  383. Adequacy of Expertise and Services Available to Death Investigation Systems – Other Consultants and Services, Institutes of Medicine, Workshop on the Medicolegal Death Investigation System, National Academies of Science, Washington, DC, Mar. 24, 2003
  384. Role of the ML Death Investigator, Identification Techniques, Blood Spatter Interpretation, Death Scene Investigation, Thermal Injuries, Weather-related Deaths, Are You Sure It's a Natural Death, 7 hr., Apr. 7-11, 2003
  385. Death Scene Investigation, Are You Sure It's a Natural Death, Kentucky Coroners Annual Training Meeting, Louisville, KY, Apr. 23-24, 2003.
  386. Differentiating between Homicide and Suicide at the Scene, Death Scene Investigation, Are You Sure It's a Natural Death?, Indiana Coroner 2004 Annual Training Conference, June 21-22, 2003
  387. Introductions to Masters 10 Conference, Saint Louis University School of Medicine, St. Louis, MO, July 28-31, 2003.
  388. The ABMDI – Where We Were and Where We Are Now, ABMDI Attendees Gathering, Hyatt Regency Hotel, St. Louis, MO, July 28, 2003
  389. Medicolegal Death Investigator Course, 6 presentations, Saint Louis University School of Medicine Saint Louis, MO, Oct. 6-10, 2003
  390. Motor Vehicle Fatalities, St. Louis County Police Academy, St. Louis, MO, Oct. 20, 2003
  391. The Role of a Medicolegal Death Investigator, Saint Louis University, Criminal Justice class, St. Louis, MO, Oct. 23, 2003.
  392. Differentiating Between Homicide and Suicide at the Scene, Death Scene Investigation, Fire Death Investigation, Are You Sure It's a Natural Death, Identification of the Dead, Jackson County Missouri, Forensic Symposium, Kansas City, MO, Nov. 3, 2003
  393. The St. Louis County Medical Examiner's Office and Morgue Facility Tour, Saint Louis University Investigative/Clinical Laboratory Science students, Nov. 13, 2003
  394. Patience with OUR Patients, ER: Some Watch it, We Live It, Practical Anatomy Workshop, St. Louis Medical Society, Nov. 22, 2003
  395. Death Scene Investigation, Saint Louis University Investigative/Clinical Laboratory Science students, Dec. 4, 2003
  396. Medicolegal Death Investigator Course, 5 presentations, Saint Louis University School of Medicine Saint Louis, MO, Jan. 26-30, 2004
  397. The 2004 Advanced Forensic Science Educators Conference in St. Louis, 56<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences, Dallas, TX, Feb. 20, 2004
  398. Death Scene Investigation – Medicolegal Death Investigation #11, Lubbock County Medical Examiner's office and Texas Tech Institute of Forensic Sciences, Lubbock, TX, Mar. 4, 2004

399. Forensic Science Specialties – Future Careers in Forensic Sciences, Lindbergh High School Gifted Program Seniors, St. Louis County, MO, Mar. 11, 2004
400. Introduction to Death Scene Investigation, University of Missouri St. Louis Department of Anthropology, St. Louis, MO, Mar. 15, 2004
401. Introduction to Forensic Pathology, Saint Louis University 1<sup>st</sup> & 2<sup>nd</sup> Year Medical Students Elective, St. Louis County Medical Examiner's Office, Mar. 24, 2004
402. CSI – in St. Louis – Investigating Deaths for the St. Louis County Medical Examiner's Office, Missouri Clinical Lab Science/St. Louis CLMA Annual Spring Conference, Doubletree Hotel, St. Louis, MO, April 29, 2004
403. Medicolegal Death Investigator Course, 5 presentations, Saint Louis University School of Medicine Saint Louis, MO, April 24-28, 2004
404. Motor Vehicle Fatality Injuries and Identification Techniques, Annual meeting of the Midwest Association of Traffic Accident Investigators, Four Points Sheraton, Rock Island, IL, May 21, 2004.
405. Motor Vehicle Fatalities, St. Louis County Police Academy, St. Louis, MO June 9, 2004
406. Introduction to the Second Forensic Science Educators Conference, Saint Louis University Learning Resources Center, July 20, 2004.
407. The Medicolegal Death Investigator, Second Forensic Science Educators Conference, Saint Louis University Learning Resources Center, July 20, 2004.
408. Investigating Hospice Deaths in St. Louis County, MO, 38<sup>th</sup> meeting of National Association of Medical Examiners, Nashville, TN, Sept. 13, 2004
409. Patience with Our Patients, 17<sup>th</sup> Annual Trauma Care Conference, St. John's Mercy Medical Center, St. Louis, MO, Sept. 22, 2004
410. Medicolegal Death Investigator Course, 5 presentations, Saint Louis University School of Medicine Saint Louis, MO, Oct. 4-8, 2004
411. Death Scene Investigation, University of Missouri – St. Louis Forensic Anthropology class, St. Louis, MO., Oct. 20

#### **ADVANCED STUDIES:**

Blood Stain Pattern Institute, Elmira College, Elmira, New York, 1978, Instructor: Dr. Herbert MacDonnell.

Advanced Bloodstain Evidence Workshop, Valencia College, Orlando, Florida, October 22-26, 1990, Instructor, Judith Bunker.

National Association of Exposition Managers, Internship Program, Chicago, Illinois, October 24, 1996.

Project Management Seminar, Fred Pryor Seminars, St. Louis, Missouri, Oct 24, 1996.

Mass Fatalities Incident Response Course, St. Louis County Police Academy, November 18 - 21, 1996.

Mass Fatalities Incident Response, Train-the-Trainer Course, Emergency Management Institutes, National Emergency Training Center, Emmittsburg, Maryland, Jan. 13-16, 1997.

Suspicious Burn Injury Investigations & Interview and Interrogation, St. Louis County and Municipal Police Academy, Maritz Inc, Fenton, MO, Apr. 15-16, 2004

St. Louis County Emergency Management Seminar, Personal training in use of SCBA equipment, June 22 and 25, 2005, St. Louis County Emergency Management Center, St. Louis, MO.

St. Louis County Emergency Management Seminar, Emergency Preparation Training, Aug. 24, 2004, St. Louis County North Central Community Health Center, St. Louis, MO.

### **MISCELLANEOUS:**

*September, 1997 - April, 1998 - Major Effort:*

In reference to an article from the *Kansas City Times* and *St. Louis Post Dispatch* circa April 15 and 17, 1998, more than 100 hours were spent to oppose application of American College of Forensic Examiners who wanted to offer Missouri's first doctoral degree (the most advanced degree a student can earn) over the Internet.

February 2001 - July 2002 - Major Effort:

As President of the American Academy of Forensic Sciences (AAFS) an Educational Initiative was begun, bringing together the AAFS, Saint Louis University and the Saigh Foundation of St. Louis to conduct a three day conference (July 25-27,2002) for high school science teachers.

In December 2000, the TIMMS (Third International Mathematics and Science Survey) report was released that reported the results of science testing on children completing the 4<sup>th</sup> grade, 8<sup>th</sup> grade and 12<sup>th</sup> grades. The United States competed against 43 countries. In the 4<sup>th</sup> grade, US students were ranked in the highest quartile. In 8<sup>th</sup> grade, US students were at the 50% mark. At the end of 12<sup>th</sup> grade, students ranked in the lowest quartile of the 44 countries studied.

Middle and high school students are currently enthralled with anything having to do with crime or forensic sciences, as noted by popular TV shows such as CSI, the Forensic Files, Crossing Jordan, etc.

In an attempt to improve US students' science knowledge, the Saigh Foundation will support this conference bringing together 40 St. Louis area high school science teachers who will receive Saigh scholarships to attend this conference. There will be 160 additional registrations available for science teachers nationwide for a nominal registration fee.

This conference will feature AAFS speakers from 13 forensic science disciplines who will lecture on Day 1 and Day 2. Eight workshops will be held on Day 3 to assist the teachers develop lesson plans that they can immediately use to assist them in their science classes.

The Saint Louis University Division of Forensic Pathology, Department of Anatomy, Department of Criminal Justice and Sociology, Departments of Orthodontics and Clinical Lab Science, as well as the Department of Chemistry have all agreed to collaborate with this effort.

140 Metropolitan St. Louis Middle and High School Science Teachers, and Criminal Justice Students attended three-day conference.

April 2003 - July 2004 - Major Effort:

Forensic Science Educators Conference – St. Louis II

Three part, five-day conference conducted at Saint Louis University School of Medicine, July 19-24, 2004. Partnership between the Saigh Foundation who will fund this activity with a \$50,000 grant, the American Academy of Forensic Sciences and Saint Louis University School of Medicine.

In an attempt to improve US students' science knowledge, the Saigh Foundation will support this conference bringing together 50 St. Louis area high school science teachers who will receive Saigh scholarships to attend this conference. There will be 150 additional registrations available for science teachers nationwide for a nominal registration fee.

This conference will feature local St. Louis AAFS speakers from various forensic science disciplines who will lecture on Day 1 and Day 2. Ten workshops will be held on Day 3 and Day 4 conducted by veteran, experienced high school forensic science teachers who will assist new science teachers use established lesson plans that they can immediately put into practice in their science classrooms.

The Saint Louis University Division of Forensic Pathology, Department of Anatomy, Department of Criminal Justice and Sociology, Departments of Orthodontics and Clinical Lab Science, as well as the Department of Chemistry have all agreed to collaborate with this effort.

Revised 10/20/04