

Curriculum Vitae for Dr. Thomas A. Andrew

CURRENT POSITIONS

Chief Medical Examiner, State of New Hampshire (9/97-present)
Private Consulting as "White Mountain Forensic Consulting Services"

EDUCATION

Bachelor of Science (cum laude), Pre-medical Studies,
University of Dayton Dayton, Ohio, 1978

Doctor of Medicine, University of Cincinnati College of Medicine,
Cincinnati, Ohio, 1982

PROFESSIONAL EXPERIENCE

1982-1985	Resident in Pediatrics Children's Hospital Medical Center, Cincinnati, Ohio
1985-1986	Chief Resident, Pediatrics Children's Hospital Medical Center, Cincinnati, Ohio
1986-1988	Private Pediatric Practice Cincinnati Child Care, Inc., Cincinnati, Ohio
1986-1991	Staff Pediatrician Group Health Associates Urgent Care Center, Cincinnati, Ohio
1988-1991	Resident in Anatomic Pathology University Hospital Medical Center, Cincinnati, Ohio
1991-1992	Fellow in Forensic Pathology Office of Chief Medical Examiner, New York City, New York
1992-1997	City Medical Examiner Office of Chief Medical Examiner, New York City, New York
4/97-9/97	Acting Deputy Chief Medical Examiner , Richmond, County (Staten Island), New York Office of Chief Medical Examiner , New York City, New York

BOARD CERTIFICATION

Pediatrics	1985 (#34738)
Anatomic Pathology	1991 (#91-145)
Forensic Pathology	1992 (SQ-92-042)

ACADEMIC APPOINTMENTS

- **Associate Professor of Pathology**, Dartmouth-Hitchcock Medical Center, 9/97-present
- **Instructor of Pathology**, Massachusetts College of Pharmacy and Health Sciences (formerly Notre Dame College) Physician Assistant Program, 1/98-present
- **Instructor of Pathology**, Franklin Pierce Masters of Physician Assistant Program, West Lebanon, NH
Assistant Clinical Professor of Forensic Medicine, New York University College of Medicine, 7/91-8/97
Assistant Clinical Professor of Pathology, State University of New York College of Medicine, Brooklyn, 9/92-8/97
- **Instructor of Pathology**, Long Island University Physician Assistant Program, 7/92-8/97
- **Instructor of Pathology**, American Academy McAllister Institute of Funeral Service, Inc., New York City, New York, 9/93-6/97; 10/06-present (Developer and instructor of web-based pathology course administered by the Connecticut Distance Learning Consortium).

PROFESSIONAL ORGANIZATIONS

- National Association of Medical Examiners
- Committee on Organizational Structure 9/06-present Board of Directors 9/03-9/09
- Standards Working Group 4/04-9/05 Executive Committee 10/06-9/09
- Chair, Ad Hoc Committee for Death Certification Improvement 3/09-01/11 Ad Hoc Committee of State Medical Examiner Liaisons, current
- Education/Program subcommittee of Education, Program and Publications Committee, current American Academy of Forensic Sciences
- American Academy of Pediatrics
- Subsection on Child Abuse and Neglect The Helper Society
- Association of SIDS and Infant Mortality Programs Board of Directors 1/09-present
- College of American Pathologists
- Ad Hoc Committee on Tissue and Organ Procurement (12/2000-08/2003) New Hampshire Medical Society
- New Hampshire Public Health Association

LOCAL, STATE AND NATIONAL COMMITTEE APPOINTMENTS

- New Hampshire Child Fatality Review Committee
- New Hampshire Domestic Violence Fatality Review Committee Teen Motor Vehicle Legislation Task Force
- New Hampshire Coalition to Prevent Shaken Baby Syndrome Vital Records Improvement Committee
- Attorney General's Task Force on Child Abuse and Neglect
- New Hampshire Pediatric Society Child Abuse and Neglect Committee Crash Outcome Data Evaluation Systems (CODES) Governing Board Board of Directors (ex officio) New Hampshire Public Health Association New Hampshire Injury Prevention Advisory Council
- New Hampshire Youth Suicide Prevention Advisory Assembly New Hampshire Suicide Prevention Council
- New England HIDTA Heroin Advisory Committee
- National Domestic Violence Fatality Review Advisory Board State of NH Suicide Prevention Council
- Massachusetts Medical Examiner Commission
- American Board of Pathology Forensic Pathology Test Development and Advisory Committee 11/08-present SUDC Advisory Council

COURTROOM TESTIMONY

- Superior, District and/or Family Courts: Belknap, Carroll, Cheshire, Coos, Grafton, Hillsborough, Merrimack, Rockingham, Strafford and Sullivan Counties, NH
- Middlesex County (MA) Superior Court
- Criminal Court: Manhattan, Brooklyn, Bronx, Staten Island
- State Supreme Court: Manhattan, Brooklyn, Staten Island, Dutchess County (NY), Nassau County (NY), Westchester County (NY) Superior Court
- Family Court: Brooklyn, Staten Island Superior Court, District of Columbia
- Federal District Court: Eastern District, Brooklyn; Eastern District, North Carolina, Massachusetts District, New Hampshire District
- Bay County Circuit Court, Panama City, FL Orange County District Court, Chelsea, VT Bristol County (MA) Superior Court
- Suffolk County (MA) Superior Court Clinton County (NY) Superior Court Delaware County (PA) Superior Court Norfolk County (MA) Superior Court Philadelphia County (PA) Superior Court Essex County (VT) Superior Court
- York County (ME) Superior Court Bennington County (VT) Superior Court Talbot County (MD) Superior Court

CURRENT SUMMARY OF FORENSIC CASE WORK

Natural ~1650 | Accident ~1600 | Homicide ~500 | Suicide ~400 | Undetermined ~150

HONORS, AWARDS

Pediatric Resident Teaching Award, University of Cincinnati College of Medicine, Summer, 1984 Special Achievement Award from the NH Chapter of the AAP – Spring, 2004

Dr. Roger M. Fossum Award for "Outstanding Dedication and Service to New Hampshire's Children and Families" – 10/21/04

New Hampshire Youth Suicide Prevention Assembly "2004 YSPA Hero Award"

Adjunct Faculty of the Year, 1999, 2006 – Massachusetts College of Pharmacy and Health Sciences

Basic Science Lecturer of the Year, 2010, 2011, 2012, 2015 – Franklin Pierce University Physician Assistant Program

American Trauma Society, Pennsylvania Division, Webb S. Hersperger Lecture Award, 3/9/2007 and 4/26/2011

PUBLICATIONS

Child Abuse

- Andrew, TA. "When you suspect abuse." *Advance for Administrators in Radiology & Radiation Oncology*, 10:2, pp. 46-50, February, 2000. (Invited manuscript – not peer reviewed).
- Regular contributor to *The Quarterly Child Abuse Medical Update*, Robert Reece, MD, Executive Editor. Reviews published: October 2001, April 2002, October 2002, April 2003, July 2003, January 2004, October 2004 (2), January 2005 (2), July 2005, October 2005, July 2006 (2).
- Andrew, T, Greenbaum, J. "The Pathology of Fatal Child Abuse." Chapter in *Child Abuse: Medical Diagnosis and Management*, 3rd Edition, Lippincott, Williams and Wilkins, 2009.
- Gill, JR, Andrew, T, Gilliland, MGF, Love, J, Matshes, E, Reichard, RR. "National Association of Medical Examiners Position Paper: Recommendations for the postmortem assessment of suspected head trauma in infant and young children." *Academic Forensic Pathology*, 2013 4 (2): 206-213.

Sudden, Unexpected Infant Death Syndrome (SIDS)

- Andrew, T, Ernst, MF, Nunez, S. "Documenting infant profile information." Chapter 9 in *Sudden, Unexplained Infant Death Investigation*. CDC Press, 2006.
- Andrew, TA, Van Praagh, R, Moskowitz, I. "Anomalous left coronary ostium and sudden infant death." 35th Annual Meeting of the *National Association of Medical Examiners*. Richmond, Virginia. October 13, 2001.
- Andrew, TA, Fallon, KK, Knight, AG, Ignoto, M. "Sudden Unexpected Infant Death/SIDS: The diagnosis is not what has 'shifted' " 40th Annual Meeting of the *National Association of Medical Examiners*, San Antonio, Texas, October 18, 2006.
- Shapiro-Mendoza, CK, Camperlengo, L, Ludvigsen, R, Cottengim, C, Anderson, RN, Andrew, T, Covington, T, Hauck, FR, Kemp, J, MacDorman, M. "Classification System for the Sudden Unexpected Infant Death Case Registry and its Application." *Pediatrics*; originally published online June 9, 2014; DOI: 10.1542/peds.2014-0180. <http://pediatrics.aappublications.org/content/early/2014/06/03/peds.2014-0180>.

Firearms Injuries

- Catanese, CA, Gilson, TL, Andrew, TA. "Gunshot Wounds." Chapter in *Color Atlas of Forensic Medicine and Pathology*. CRC Press, 2009.
- Adeyi, O, Dupre, M, Duval, J, Andrew, T. "Role of biochemical tests and scene investigation in determination of range of fire: a case report." *American Journal of Forensic Medicine and Pathology*, 26(2): pp. 166-169, June, 2005.

Asphyxial Games

- Andrew, TA. "Child's Play: The deadly consequences of asphyxial 'games'." *Teens and Tweens News*, pp. 8-9, January, 2006. (Invited manuscript – not peer reviewed).
- Andrew TA, Fallon KK. "Asphyxial games in children and adolescents." *American Journal of Forensic Medical Pathology*, 2007 Dec; 28(4):303-7.
- Macnab, AJ, Deevska, M, Gagnon, F, Cannon, WG, Andrew, TA. "Asphyxial Games or 'The Choking Game': A Potentially Fatal Risk Behaviour", *Injury Prevention* 2009;15:45-49.
- Andrew, TA, Macnab, A, Russell, P. Update on "The Choking Game" J. *Peds* 2009;155:777-780.
- Macnab, AJ, Triviaux, D, Andrew T. "Risk-taking behaviour in adolescents. 'Chance only favors the prepared mind'" *Archives of Disease in Childhood*, published online August 14, 2015.
- Andrew, TA. "Asphyxial games – Is the media ahead of NAME in recognition of this phenomenon?" 39th Annual Meeting of the *National Association of Medical Examiners*, Los Angeles, California. October 17, 2005.
- Vehicular Fatalities
- Acerno, T, Andrew, T, Twitchell, N, Pellitier, A, Ramsey, L. "Deaths among drivers of off-road vehicles after collisions with trail gates" New Hampshire, 1997-2002. *Morbidity and Mortality Weekly Report*, 52(3): pp. 45-46, January 24, 2003.
- Andrew, TA. "They went before the king: Preventable deaths at the racetrack then and now." 41st Annual Meeting of the National Association of Medical Examiners. Savannah, GA, October 17, 2007.

PUBLICATIONS continued

Drug-Related Deaths

- Andrew, TA, Fairweather, RB. "Prothrombin G20210A mutation and sudden death." *American Journal of Forensic Medicine and Pathology*, 24(4): pp.377-380, December 2003.
- Andrew, TA, Andrew, RL. "Polypharmacy, hyperthermia and sudden death." *ASCP Check Sample Forensic Pathology*. 2010;52(2): 9-25.
- Wagner, M, Coutermanche, L, Booker, J, Ober, C, Andrew, TA. "Fatal ingestion of an unknown root." 53rd Annual Meeting of the *American Academy of Forensic Sciences*. Chicago, Illinois. February 21, 2003.
- Umemura, Y, Andrew, TA, Jacobs, VL, Giustini, AJ, Lewis, LD, Filiano, JJ. "Fatal 25I-NBOMe intoxication: A new recreational risk." *Academic Forensic Pathology* 2015;5(1):91-97.
- Varghese, E, Abate, MA, Hu, L, Kaplan, J, Kraner, J, Long, DL, Sorg, M, Mock, A, Greenwald, M, Andrew, T. Characterization of diphenhydramine-related accidental overdose deaths. *Academic Forensic Pathology* 2015;5(1):105-115.
- Andrew, TA, Duval, JV. "The impact of methadone on drug-related mortality in New Hampshire." 38th Annual Meeting of the *National Association of Medical Examiners*. Nashville, Tennessee. September 11, 2004.
- Sorg, MH, Abate, MA, Long, DL, Kaplan, JA, Kraner, JC, Mock, AR, Greenwald, M, Shapiro, S, Andrew, TA, Hu, L, Wren, A. "Postmortem opioid levels, co-intoxicant presence and decedent characteristics in accidental, single opioid deaths in West Virginia and Northern New England." 48th Annual Meeting of the *National Association of Medical Examiners*, Portland, OR, September 20, 2014.
- Abate, MS, Sorg, MH, Hu, L, Kapa;n, JA, Kraner, JC, Mock, AR, Greenwald, M, Andrew, TA, Shapiro, S, Varghese, E. "Characterization of diphenhydramine-related overdose deaths." 48th Annual Meeting of the *National Association of Medical Examiners*, Portland, OR, September 23, 2014.
- Andrew, TA. "Fatal NBOMe intoxication: Toxidrome, autopsy findings, detection and legal challenges." 48th Annual Meeting of the *National Association of Medical Examiners*, Portland, OR, September 23, 2014.
- Andrew, TA. "Dissection allows certification of a pill death that is neither asphyxiation nor intoxication." 49th Annual Meeting of the *National Association of Medical Examiners*, Charlotte, NC, October 3, 2015.

Sudden Cardiac Death

- Andrew, TA, Gilson, TP, Nuovo, GJ. "Identification of unusual agents of myocarditis by RT-in situ PCR in formalin fixed myocardium." 34th Annual Meeting of the *National Association of Medical Examiners*, Indianapolis, Indiana. September 15, 2000.
- Ray, G, Schulz, T, Daniels, W, Daly, ER, Andrew, TA, Cummings, P, Prial, M, et al. "Three Sudden Cardiac Deaths Associated with Lyme Carditis — United States, November 2012–July 2013." *Morbidity and Mortality Weekly Report*, 62(49): pp. 993-996, December 13, 2013.
- Andrew, TA, Appleton, AJ, Johnson, EL, Mackenzie, JL, Myers, EM, Swain, E. "Non-arteriosclerotic myocardial infarction in a 38-year-old female." 66th Annual Meeting of the *American Academy of Forensic Sciences*, Seattle, WA, February 20, 2014.

The Forensic Pathologist and Public Health

- Andrew, TA. "Medicolegal death investigation in the Granite State." *New Hampshire Bar Journal*, 45(1): pp. 14-20, Spring 2004. (Invited manuscript – not peer reviewed).
- Andrew, TA, Whitman, M, Fenner-Lukaitis, E. "Adelson's Legacy: The forensic pathologist is still 'Family physician to the bereaved'." 42nd Annual Meeting of the *National Association of Medical Examiners*, Louisville, KY, September 8, 2008.
- Andrew, TA, Roberts, P. "Social networking websites and suicide prevention: Leveraging unconventional assets to enhance public health and safety." 42nd Annual Meeting of the *National Association of Medical Examiners*, Louisville, KY, September 8, 2008.

PROFFERED PAPERS

Asphyxial Fatalities

- Andrew, TA. Asphyxial games – Is the media ahead of NAME in recognition of this phenomenon? 39th Annual Meeting of the *National Association of Medical Examiners*, Los Angeles, California. October 17, 2005.

Suicide

- Duval, J, Andrew, TA. Suicide by caffeine overdose: A case report and review of the literature. 38th Annual Meeting of the *National Association of Medical Examiners*. Nashville, Tennessee. September 11, 2004.
- Andrew, TA, Roberts, P. Social networking websites and suicide prevention: leveraging unconventional assets to enhance public health and safety. 42nd Annual Meeting of the *National Association of Medical Examiners*, Louisville, KY, September 8, 2008.

Sudden Unexpected Infant Death

- Andrew, TA, Van Praagh, R, Moskowitz, I. Anomalous left coronary ostium and sudden infant death. 35th Annual Meeting of the *National Association of Medical Examiners*. Richmond, Virginia. October 13, 2001.
- Andrew, TA, Fallon, KK, Knight, AG, Ignoto, M. Sudden Unexpected Infant Death/SIDS: The diagnosis is not what has "shifted" 40th Annual Meeting of the *National Association of Medical Examiners*, San Antonio, Texas, October 18, 2006

Fatal Substances

- Wagner, M, Coutermanche, L, Booker, J, Ober, C, Andrew, TA. Fatal ingestion of an unknown root. 53rd Annual Meeting of the *American Academy of Forensic Sciences*. Chicago, Illinois. February 21, 2003.

Infant Injuries

- Duval, J, Andrew, TA. Two thumb method of infant CPR: Is there an increased risk for posterior rib fractures? 41st Annual Meeting of the *National Association of Medical Examiners*. Savannah, GA, October 17, 2007.

Drug Related Deaths

- Andrew, TA, Duval, JV. The impact of methadone on drug-related mortality in New Hampshire. 38th Annual Meeting of the *National Association of Medical Examiners*. Nashville, Tennessee. September 11, 2004.
- Sorg, MH, Abate, MA, Long, DL, Kaplan, JA, Kraner, JC, Mock, AR, Greenwald, M, Shapiro, S, Andrew, TA, Hu, L, Wren, A. Postmortem opioid levels, co-intoxicant presence and decedent characteristics in accidental, single opioid deaths in West Virginia and Northern New England. 48th Annual Meeting of the *National Association of Medical Examiners*, Portland, OR, September 20, 2014.
- Abate, MS, Sorg, MH, Hu, L, Kapa;n, JA, Kraner, JC, Mock, AR, Greenwald, M, Andrew, TA, Shapiro, S, Varghese, E. Characterization of diphenhydramine-related overdose deaths. 48th Annual Meeting of the *National Association of Medical Examiners*, Portland, OR, September 23, 2014.
- Andrew, TA. Fatal NBOME intoxication: Toxidrome, autopsy findings, detection and legal challenges. 48th Annual Meeting of the *National Association of Medical Examiners*, Portland, OR, September 23, 2014.
- Andrew, TA. Dissection allows certification of a pill death that is neither asphyxiation nor intoxication. 49th Annual Meeting of the *National Association of Medical Examiners*, Charlotte, NC, October 3, 2015.

Myocarditis

- Andrew, TA, Gilson, TP, Nuovo, GJ. Identification of unusual agents of myocarditis by RT-in situ PCR in formalin fixed myocardium. 34th Annual Meeting of the *National Association of Medical Examiners*, Indianapolis, Indiana. September 15, 2000.
- Andrew, TA, Appleton, AJ, Johnson, EL, Mackenzie, JL, Myers, EM, Swain, E. Non-arteriosclerotic myocardial infarction in a 38-year-old female. 66th Annual Meeting of the *American Academy of Forensic Sciences*, Seattle, WA, February 20, 2014.

Preventable Deaths

- Andrew, TA. They went before the king: Preventable deaths at the racetrack then and now. 41st Annual Meeting of the *National Association of Medical Examiners*. Savannah, GA, October 17, 2007.

Role of the Forensic Pathologist

- Andrew, TA, Whitman, M, Fenner-Lukaitis, E. Adelson's Legacy: The forensic pathologist is still "Family physician to the bereaved". 42nd Annual Meeting of the *National Association of Medical Examiners*, Louisville, KY, September 8, 2008.

INVITED SPEAKER (LECTURES, WORKSHOPS, SEMINARS)

Forensics for Lawyers

“Forensic Pathology for Lawyers”

- New Hampshire Public Defender Training, Concord, NH, 5/21/1999.

“Forensic Science in the Courtroom”

- NH Superior Court Judge Conference, 12/9/1999.

“Forensic Medicine and Medicolegal Death Investigation”

- Pennsylvania State University Forensic Science Lecture Series, State College, PA, 9/22/2008.

“Death in a Florida Boot Camp: Trial in the Death of Martin Lee Anderson”

- 35th New England Seminar in Forensic Sciences, Waterville, ME, 8/6/2008.

Public Health and Safety

“Tissue and Organ Donation”

- 27th Annual New England Seminar in Forensic Sciences, Colby College, Waterville, ME, 8/2000.

“The Role of the Medical Examiner in the Health Care System”

- GME Conference, Dartmouth-Hitchcock Medical Center, Lebanon, NH, 8/6/2002.

“The Medical Examiner and Public Health”

- Dartmouth-Hitchcock Medical Center, Lebanon, NH, 10/23/2012 Neuropathology of Pediatric Head Injury” – PAAV 31st Annual Winter CME Conference, Manchester Village, VT, 1/24/2013.

“The Crucial Role Health Care Clinicians Have in Assessing Adolescent and Young Adult Access to Lethal Means”

- Plenary, 2013 Dartmouth CO-OP Project Annual Meeting, Indian Head Resort, North Lincoln, NH, 2/1/2013.

“End of Life Issues”

- Hopkinton Senior Citizens, Hopkinton, NH 3/13/2006.

Law Enforcement

“Deaths in Custody & Allegations of Excessive Force”

- Internal Affairs Investigation Course, State of New Hampshire Police Standards and Training Council, 2/22/2001.

Firearms Injuries

“Wound Ballistics”

- SEI Training Seminar, offered 1-2 times per year.

Domestic Violence

“The Medical Examiner and Domestic Violence Fatality Review”

- Battered Women’s Justice Project Conference, Santa Fe, NM, 3/14/2001.
- 7th State Wide Conference on Domestic and Sexual Violence, Bretton Woods, NH, 6/8/2001 National Conference on Domestic Violence Fatality Review, Phoenix, AZ, 8/19/2002.

Asphyxial Deaths

“Workshop for Law Enforcement on Restraint Asphyxia”

- UMass, Worcester, 2/17/1999.

“Precision and Accuracy in Certification of Asphyxial Deaths”

- Dangerous Games Foundation Choking Game Summit, Arlington, VA, 6/18/2012.

“Recreational Asphyxia – Mechanical”

- RTI hosted Webinars; 6/21/2012, 7/3/2012, 7/10/2012.

INVITED SPEAKER continued

“Recreational Asphyxia – Chemical”

- RTI hosted Webinars; 7/24/12, 7/31/12, 8/2/12.

“Asphyxial Games in Children and Adolescents”

- DCYF Training Conference, Laconia, NH, 1/19/2006.
- Office of Chief Medical Examiner, New York City, 3/16/2006 Winnesquam Middle School, Tilton, NH 3/29/06.
- Pediatric Grand Rounds, British Columbia Children’s Hospital, Vancouver, BC, 5/5/2006 Lancaster Community Meetings, Lancaster, NH, 5/12/2006.
- NH Safe Kid Coalition, Concord, NH, 5/17/2006.
- Dept. of Juvenile Justice Services Conference, Bedford, NH, 6/1/2006 South Carolina Coroners Association Meeting, Myrtle Beach, SC, 6/16/2006.
- Youth Suicide Prevention Assembly 3rd Annual Conference, Bedford, NH, 11/3/2006 American Trauma Society Conference, Hershey, PA, 3/9/2007.
- Grand Rounds, OCME, Boston, MA, 3/14/2007.
- 34th New England Seminar in Forensic Sciences, Colby College, Waterville, ME, 8/6/2007 MA Department of Education Training, Marlboro, MA 12/11/2008.
- Pine Tree Burn Foundation 21st Annual Conference, Saco, ME 10/16/2009.
- Interim Meeting of the National Association of Medical Examiners, Chicago Illinois, 2/22/2011 New England School Nurse Conference, Portland, ME, 4/30/2011.
- Pediatric Grand Rounds, Children’s Hospital at Dartmouth, 5/25/2011.
- Center for Continuing Education in the Health Sciences, Children’s Hospital at Dartmouth, 11/7/2011 School Nurse Conference, Lebanon, NH, 3/9/2012.

Child Fatalities

“Introduction to the NH Child Fatality Review Committee”

- Pediatric Grand Rounds, DHMC, 11/27/1999.

“Infant Death Scene Investigation”

- Keynote address, 3rd Statewide Meeting of Massachusetts Child Fatality Review Teams, Shrewsbury, MA, October 26, 2004.

“Child Fatality Review: A Medical Examiner’s Perspective”

- Keynote address, 1st Statewide Meeting of Massachusetts Child Fatality Review Teams, Shrewsbury, MA, 12/04/2002.

“Failure to Thrive”

- DCYF Staff Development Partnership Workshop, Nashua, NH 5/16/03.

“Neuropathology of Pediatric Head Injury”

- 35th New England Seminar in Forensic Sciences, Colby College, Waterville, ME, 8/6/2008.

Child Abuse

“Shaken Baby Syndrome”

- Massachusetts Medico-legal Society, 4/28/1999.
- 7th Annual DCYF Conference - Nashua, NH, 5/14/1999.
- 7th Annual Conference on Child Abuse, Waterville Valley, NH, 10/22/1999.
- 3rd Annual Children’s Hospital at Dartmouth Child Maltreatment Conference, Fairlee, VT, 4/5/2001.
- DCYF Staff Development Partnership Workshop, 7/11/2000, 3/8/2002, 5/16/2003.

“Recognition of Child Abuse”

- St. Joseph School of Practical Nursing, 2/16/2000.

“Fractures and Child Abuse”

- 40th Annual New England Conference of Radiology Technologists, Nashua, NH 9/10/1998 DCYF Staff Development Partnership Workshop, 1/14/1999, 3/8/2002.

INVITED SPEAKER continued

"Abuse, Neglect or Just an Accident"

- AG Task Force on Child Abuse and Neglect Task Force Training Workshop, 2/8/2000 DCYF Staff Development Partnership Workshop, 3/8/2002.
- 4th Children's Justice Act Conference, Hyannis, MA, 4/26/2002.
- Colby-Sawyer College, New London, NH, 4/23/1998, 4/29/2002, 5/1/2003, 3/11/2004, 3/5/2007, 2/9/2009, 2/8/2011, 1/31/2012.
- University of New England Physician Assistant Program, Portland, ME, 5/6/2005, 2/10/2006, 2/9/2007, 2/18/2009.
- DCYF Foster Care Nurses, Concord, NH, 5/10/2006.
- New England Physician Assistants Meeting, Portsmouth, NH, 10/20/2006, 10/21/2011 Physician Assistant Association of Vermont Annual Conference, Stowe, VT, 1/27/2012.

"Abusive Burn Injuries in Children"

- 8th Annual Conference on Child Abuse, Waterville Valley, NH, 10/19/2000 DCYF Staff Development Partnership Workshop, 3/8/2002.
- Concord Hospital Trauma Care Conference, 4/10/2003.

"Multidisciplinary Investigation of Serious Physical Abuse"

- Co-presenter with Det. Michael Johnson, Plano TX Police Department, 11th Annual Conference on Child Abuse, Bretton Woods, NH, 11/6/2003.

"Controversial Forensic Pathology Issues in Cases of Alleged Child Abuse"

- Selected Topics in Child Abuse, Colby College, Waterville, ME, 7/11/2005.

"Forensic Assessment of the Head Injured Infant or Young Child"

- 32nd Annual New England Seminar in Forensic Sciences, Colby College, Waterville, ME, 8/8/2005.

Suicide

"Suicide and other Deaths Associated with High Risk Behaviors by Youth in the Granite State"

- 20th Annual School Nurse Institute, St. Anselm College, Manchester New Hampshire, 8/6/2003 DCYF Staff Development Partnership Workshop, Nashua, NH, 5/13/2005.
- Grand Rounds, New Hampshire Hospital, Concord, NH 1/19/2006.

"The Greatest Threats to New Hampshire Teens"

- Pre-keynote address, Adolescent Health Institute 2002, Laconia, NH, 6/7/2002.

"Social Networking Websites and Suicide Prevention"

- 9th Annual Tri-State Advanced Victim Assistance Conference, Montpelier, VT, 9/21/2009.
- 39th Annual New England Seminar in Forensic Sciences, Colby College, Waterville, ME, 8/9/2012 PAAV 31st Annual Winter CME Conference, Manchester, Village, VT, 1/27/2013.
- Seminar in Postmortem Pediatric Toxicology (co-presenter) – 63rd Annual Meeting of the American Academy of Forensic Sciences, Chicago, IL, 2/25/2011.

"Detergent Suicide: Description and First Responder Issues"

- American Trauma Society Conference, Hershey, PA, 4/26/2011.
- 39th Annual New England Seminar in Forensic Sciences, Colby College, Waterville, ME, 8/7/2012.

Sudden Cardiac Death

"Diagnostic Specificity into Evaluation of Fatal Pulmonary Embolism"

- 31st Annual New England Seminar in Forensic Sciences, Colby College, Waterville, ME, 8/12/2004.

"Molecular Biology in the Investigation of Sudden Cardiac Death"

- 29th Annual New England Seminar in Forensic Sciences, Colby College, Waterville, ME, 8/14/2002.

"Fatal Fat Emboli Syndrome Following Orthopedic Injury"

- Concord Hospital Trauma Conference, 4/8/2004.

INVITED SPEAKER continued

"Beyond Hypertensive and Arteriosclerotic Cardiovascular Disease: Cardiac Pathology in the Forensic Setting"

- 31st Annual New England Seminar in Forensic Sciences, Colby College, Waterville, ME, 8/11/04.

Drug Related Deaths

"Investigating the Heroin Overdose"

- New England Organized Crime Drug Enforcement Task Force Regional Conference, Burlington, VT, 6/29/2000
New England HIDTA Heroin Conference, Sturbridge, MA, 9/24/2001.
- 3rd Annual Forensic Sciences Seminar, Cedar Crest College, Allentown, PA, 3/19/2005.
- National Association of Drug Diversion Investigators 3rd Annual New England Training Conference, Meredith, NH, 3/21/2005.
- American Trauma Society Conference, Hershey, PA, 3/9/2007.
- 32nd Annual Seminar in Forensic Sciences, Colby College, Waterville, ME, 8/6/2006.

"Emerging Drugs of Abuse"

- EMS Continuing Education, Keene, NH 5/27/2003.

"Impact of Substance Abuse on Pregnancy and Children"

- DCYF Training Conference, Berlin, NH, 6/7/2006 Dartmouth-Hitchcock Clinic, Manchester, NH, 3/15/2007.

"Impact of Methadone on NH Drug Deaths"

- NH Youth Suicide Prevention Assembly Annual Conference, Waterville Valley, NH, 11/14/2008 Grand Rounds, New Hampshire Hospital, Concord, NH 11/20/2008.
- DEA Field Training Seminar, Worcester, MA 12/9/2008.
- NH House of Representatives Drug Caucus, Concord, NH 6/1/2009 Community Meeting, Hopkinton High School, Hopkinton, NH 2/22/2012.
- NH Suicide Prevention Council Annual Conference, Bedford, NH, 11/9/2012 Grand Rounds, NH Hospital, Concord, NH, 2/7/2013.

Vehicular Fatalities

"Patterns of Injury in Vehicular Crashes"

- New Hampshire EMS Conference, 4/29/01, 5/19/2002.
- 30th Annual New England Seminar in Forensic Sciences, Colby College, Waterville ME, August 6, 2003
Buckle-UP NH Annual Conference, Concord, NH, 4/12/2004.

"The Aftermath of a Crash"

- Keynote address, 1st Buckle-Up New Hampshire Conference, Concord, NH, 4/14/2003.

"Mass Fatality Incident Management; The Swanzy Plane Crash"

- Concord Hospital Trauma Conference, Concord, NH, 4/11/05.

"We Are Not Just 'Statistics'"

- NH State Traffic Safety Conference, Manchester, NH, 4/24/2006 Concord Hospital Trauma Conference, Concord, NH, 4/19/2007.