

Curriculum Vitae

Andrea Zaferes

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Professional Summary

Works in the field of aquatic abuse, death, and homicide investigation (AADHI) assisting/consulting and teaching law enforcement agencies, jurisprudence members, death investigators (medical examiners/coroners) and other medical personnel. More than 30 years of experience in the field of submerged evidence/body recovery and water rescue training.

Experience

Consulted on, reviewed, and/or studied more than 4,000 body-found-in-water cases in such environments as buckets, bathtubs, pools, rivers, lakes, and oceans as well as diving related fatality cases. Nineteen years serving as a medicolegal death investigator private contractor for Dutchess County Medical Examiner Office. 18 years' experience as an emergency medical technician. Published author. Taught more than 15,000 students across the U.S. and internationally in Aquatic Abuse, Death, and Homicidal Drowning Investigation programs, in aquatic rescue/recovery, and dive classes. Students include law enforcement, military, firefighter, medical, death investigator, diver, and jurisprudence personnel. Presented to more than 23,000 attendees in more than 125 forensic conferences, including NAME, AAFS, ICCME, CACC, CAWC, and more than 115 rescue/dive conferences. Testified in criminal aquatic death cases.

Education

BA of Psychology. More than 848 hrs. of forensic programs training including the NJSP 6-week Crime Scene Investigator Program, Bevel and Gardner Crime scene Reconstruction 1 program, the NIJ NYC OCME Basic Death Investigation course, St. Louis University Medicolegal Death Investigation course and their MDI Masters course. More than 766 hrs. of forensic training during forensic conferences. At least 1046 hrs. of water rescue/dive training, not including more than 500 hours of internship hours, and several hundred additional academic hours. Prehospital care training at least 480 hrs.. This represents a total of more than 4040 hrs. of forensic, rescue/recovery/dive, and medical training.

Publications

Books: Public Safety Diver, Ice Rescue, Ice Diving Operations. Articles in rescue and dive journals.

Memberships

Fellow American Academy of Forensic Sciences, Associate Member National Association of Medical Examiners, Member NYS Association of County Coroners and Medical Examiners, Member International Association of Coroners and Medical Examiners. National Association of Underwater Instructors, and others.

Advisory Committees: OSAC Scene Investigation/Reconstruction Subcommittee (SI/R SC), the OSAC (SI/R SC) Aquatic Scene investigation task group, and the NCFRP Drowning DSI Work Group, DCJS NYS Cold Case committee.

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Positions and Employment

1981-1987 American Museum of Natural History Comparative Psychology Research Laboratory, New York, NY. Performed more than 1,000 of volunteer research work studying the behavior of mollusks and fish, that included two field trips to study *Aplysia dactylomela* in Puerto Rico and writing grant proposals and research papers.

January 1989-1992: Scuba World, New York, New York
Instructor and Sales,

September 1984-1987: Diver's Inc. Ann Arbor, Michigan
Served as an assistant instructor and divemaster during open water courses

January 1987: Present: Lifeguard Systems, Inc, Shokan, New York
Vice President
Instructor Trainer, Training Program and Procedure Developer.
Regularly provide training for Law Enforcement, Firefighter, Medical, Death Investigator, and
Jurisprudence personnel on subject matter including Submerged Body and Evidence Recovery;
Water and Ice Rescue; Aquatic Abuse and Death Investigations.
Dive Instructor and Course Director training subject matter include Underwater Movement and
Buoyancy Control, Diver Rescue, Dive Leader Rescue, Instructor Training.

1984-1987: University of Michigan, Ann Arbor, Michigan
Scientific Diving Program Teaching Assistant.
Academic, confined water, and open water sessions (w/ Diver's Inc.)

1988- 2004: Emergency Medical Technician. Marbletown NY
Marbletown First Aid Unit, Served as Squad Leader starting 1989

1989 – Present: AZ Training Shokan, New York
Consulting on aquatic abuse, death, and homicide investigations. Extensively presenting lectures,
seminars, workshops, and multi-day programs on same topics. Serve as an aquatic death
investigation witness on same topic and diving injury/death cases.

1997-1998 Managing Editor, SORTIE Magazine
1997-present,
1996 -Present: Trainer of the Ulster County Sheriff Office Dive Team
Responded to calls in the earlier years
1998 - present, Vice President of RIPTIDE, Inc. (501C3 corporation) Shokan, New York
Provide aquatic abuse, death, and homicide case reviews and assistance. Perform research on same
topics.

1998 -present, producer and manager of Wateroperations public safety water operations, on-line
discussion group

1999 - 2003. Managing editor and Producer of RIPTIDE Water Operation e-zine

2004: Scuba Instructor for Univ. of British Columbia Semester Abroad in Kenya, 1 month

April 2004 – Present: Dutchess County Medical Examiner Office, Dutchess County, New York
Serve as a Medicolegal Death Investigator on a contract basis. Respond to death scenes, perform a
physical examination of the body, interview the appropriate individuals, investigate the
circumstances of the death, document the body and scene, and write a report. Make a decision
as to whether the Medical Examiner will accept or decline jurisdiction over the case and inform
the next of kin.

As of August, 2020, have investigated more than 1500 deaths with 555 scenes.

Education

1979-1983: Bronx H.S. of Science, Bronx, New York

1982 Newfound Harbor Marine Institute, FL, 3 weeks
Marine Biology and Scientific Diving

1983-1989: Bachelor of Arts, Major Psychology,
University of Michigan, Ann Arbor, Michigan,
Graduated with Honors and Distinctions

2022: currently in progress: Masters in Forensics - Investigations,
New Haven University, New Haven CT – Online Program

Certifications and Positions

2005 State of Connecticut Law Enforcement Trainer (date estimated)

2007 American River College, Sacramento Regional Public Safety Training Center

April 25, 2009 – Present Arkansas Commission Certified Law Enforcement Instructor

2012- Present: New York State Division of Criminal Justice services
Law Enforcement Training Instructor

2008-Present North East Multi-Regional Training Instructor
Illinois Law Enforcement Training Standards Board

Diving and Aquatic Rescue

All the following are Current to Present

1980: NAUI Scuba Diver class: 36 hrs.

1981: NAUI Openwater Diver class 16 hrs.

1983: NAUI Advanced Diver - 45 hrs.

1983 NAUI Diving Rescue Techniques 24 hrs.

1983: Lifeguard Systems Buoyancy Control workshop 6 hrs.

1984: NAUI Diving Rescue Techniques Level II, 24 hrs.

1984: Ice diving recreational, Ann Arbor MI, 24 hrs.

1985 Lifeguard Systems Advanced Buoyancy Control workshop

1985: NAUI Divemaster Course – 60 hrs.
 1986: Scientific Diving Program, Univ of MI 70 hrs.
 1986: PADI Drysuit course 20 hrs.
 1986: PADI Equipment repair course: 24 hrs.
 1990: Nitrox Diver Course (Ed Betts), NY ~8 hrs.
 1990: Surface Ice Rescue I, NJ 20 hrs.
 1988 National Association of Underwater Instructors Divemaster Program 60 hours
 1988: Rapid Deployment Search and Rescue/Recovery 32 hrs.
 1989: National Association of Underwater Instructors: Diving Rescue Techniques Level 2
 1989 - Present: NAUI Instructor Training Course, #10533, Staten Island, New York
 Fire Department New York Rescue Company ~120 hrs.
 1991: NAUI Instructor Trainer Course, certified as a NAUI I.T.~22 hrs.
 1992: Full Face Mask diving course, NJ 8 hrs.
 1992: Small Boat Rescue Operations, NJ, 20 hrs.
 1992-Present: Professional Association of Diving Instructors: Instructor #64142
 Bonaire, Netherland Antilles 80 hours
 1994: Moving Water Diving Search and Rescue (SAR) Operations, NH 32 hrs.
 1993: Ice Diving SAR operations, NY, 32 hrs.
 1994: Deep water SAR operations, Lake George, NY 34 hrs.
 1995: Surface Ice Rescue II, NY 20 hrs.
 1995: Leadership Level Diver Rescue, Bonaire, 20 hrs.
 1995: Ultimate Underwater Movement, Bonaire, 8 hrs.
 1995: Swiftwater Rescue I, NY 20 hrs.
 1996: NAUI Course Director Course ~20 hrs.
 1996: Swiftwater Rescue II, NY 20 hrs.
 1997: PADI Cavern Specialty Course, Akumal, Mexico ~28 hrs.
 1997: Underwater Hull Searching EOD class, NY 34 hrs.
 1998: COSAR Swiftwater Personal Watercraft ocean Program, CA ~16 hrs.
 1998: Underwater EOD recovery course, ATF and Edmond PD, Edmond, OK ~20 hrs.
 1999: Personal Water Craft Ocean rescue, NJ 20 hrs.
 2003: OTS AGA full face mask Repair Technician ~8 hrs.

2006 -Present: American Canadian Underwater Certifications: Instructor Trainer Evaluator #502US

2008-Present: Master PADI Scuba Diver Trainer MSDT-64142, achieved March 19th, 2008

2013-Present: American Nitrox Diving Instructors – Instructor 2014 #8937

Medical

1988: Emergency Medical Technician Certification Course, New York
 1992: Emergency Medical Technician Certification Refresher course, with mandatory State Written examination and Practical examination NY ~24 hrs.
 1995: Emergency Medical Technician Certification Refresher course, with mandatory State Written examination and Practical examination NY ~20 hrs.
 1998: Emergency Medical Technician Certification Refresher course, with mandatory State Written examination and Practical examination NY ~18 hrs.

- 1991: Emergency Medical Technician Certification Refresher course, with mandatory State Written examination and Practical examination NY ~15hrs.
- 1994: Emergency Medical Technician Certification Refresher course, with mandatory State Written examination and Practical examination NY ~15 hrs.
- 1997: Emergency Medical Technician Certification Refresher course, with mandatory State Written examination and Practical examination NY ~12 hrs.
- 2000: Emergency Medical Technician Certification Refresher course, with mandatory State Written examination and Practical examination NY ~12 hrs.
- 2003: Emergency Medical Technician Certification Refresher course, with mandatory State Written examination and Practical examination NY ~12 hrs.

1991-1993: Divers Alert Network Oxygen Provider Instructor #069

1993: PADI Medic First Aid Instructor

2018: Diver Medic Training Program, Tulsa OK, with the U.S. Marshal Cherokee Nation Dive team 32 hrs.

License

1988-2006

New York State Emergency Medical Technician - D #141330

Certificates: Forensic, Diving, Medical

- 1993: Diving and Hyperbaric Medicine National Certification Course, Dr. Eric Kindwall, NY 40 hours
- 1999: Underwater Investigation Corporeal Teather, FL 8 hours
- 2000: Statement Analysis: Ocean County Police Academy, NJ, 35 hrs.
- 2001: Underwater Investigator 2-day course, Toronto, Canada 14 hrs.
- 2001: Water-related death Investigator 1 day, Toronto, Canada 8 hrs.
- 2004: Medicolegal Death Investigator Training Course, 5 days, St. Louis University 40 hrs.
- 2004: Reid Interviewing and Interrogation Training 3 day class
- 2004: Reid Interviewing and Interrogation Advanced 1 day class
- 2005: 11th Masters Conference, Death Investigation, St. Louis University, MO (5 days)
- 2005: Mandatory Reporter Child Abuse Recognition, Ulster County NY, Dec 13, 3 hrs.
- 2006: Sexual Assault Forensic Training, Dutchess County NY, Feb 28 2 hrs.
- 2006: Finding & Processing Clandestine Graves, Necrosearch, Colorado (5 days), June
- 2007: Arizona School of Health Sciences Medical Forensics APA644 online course, completed June 2, 48 contact hours
- 2007: St. Louis University ABMDI Masters Death Investigator conference, St. Louis, May 23-26, 32 hrs.
- 2014: PA State Police Homicide Association, Advanced Practical Homicide Investigation Training w/ Vernon Geberth, April 7 and 9, State College PA, 14 hrs., took 2 more days in 2016 for a total of 36 hrs.
- 2016: US State Dept of Justice and Fox Valley College, "Advanced Cold Case Long Term Missing Training Program" March 1-2, Rockland County, NY. 14 hrs.

- 2016: NIJ Forensic Technology Center of Excellence, NIJ grant program, "Discovery and Recovery: Death Investigation in Natural Environments." 3 day class, plus prerequisite watching of videos and reviewing PowerPoint presentations online for a total of 30 hrs.
- 2017 NCJTC Maximizing Corroboration in the Forensic Interview online webinar 70 minutes April 28, 2017
- 2018: New Jersey State Police Crime Scene Investigator Unit, Forensic Identification: 6-week Crime Scene Investigator course. Several NJ locations April 13-May 24 (missed last 2.5 days) 220 hrs.
- 2018: Crime Scene Site study I Program, Bevel and Gardner, July 30-August 3. Oklahoma City, OK. I missed 6 hours of the 40-hour course due to illness on the last day but did the reading later at home and passed the written examination. 34 hours.
- 2020 Webinar Understanding Gender Based Hate Crimes webinar from Justice Clearing House. March 19, 1400-1600 hrs.. Total 2 hours.
- 2020 Webinar "Working with Sexual Assault Survivors with Disabilities " Wed, Apr 1, 2020 1:00 PM - 2:00 PM
- 2020 Webinar "What Law Enforcement Needs to Know about Forensic Interviewers Presenting Evidence during Forensic Interviews" Date: 04/01/2020, Time: 02:00 PM EDT, Duration: 1 hour 30 minutes
2020. Unintended Consequences of the Coronavirus Response: Increasing Risk of Family Violence April 15. 1 hour. Webinar
2020. Prosecuting Child Sex Trafficking Cases. NCMEC. April 15. 1.5 hours
- 2020 The New York State Domestic Violence Fatality Review Board: Implications for Probation, April 28. 1 hr webinar. Justice Clearing House.
- 2020 The art of perception podcast, Amy Sherman, CCAW 45 min
- 2020 June/July, The Conference on Crimes Against Women: The Strangulation Series Webinar, 5 sessions 90 minutes each. Total 7.5 hours
- 2020 July 29 The Forensic Evaluation Of Gunshot Wounds: Applications For Domestic Violence; Officer-Involved Shooting Part I, Dr. Smock Webinar 90 min
- 2020 July 29 The Forensic Evaluation Of Gunshot Wounds: Applications For Domestic Violence; Officer-Involved Shooting Part II, Dr. Smock Webinar 90 min
- 2020 Sept 2 Forensic Injury Terminology & Case Reviews webinar 1 hr.
- 2012: New York City Office of the Chief Medical Examiner Basic Death Investigation Program 40 hours
- 2012 NIJ and RTI Recreational Asphyxia: Mechanical online course 07-03-2012, Dr. Thomas Andrews, certificate number: 1102982428 90 minutes
- 2012: NIJ and NFSTC Forensic Sciences: An overview for Medicolegal Death Investigators Online Coursework, completed Sept. 27. (#2011-DN-BX-K568), 16 hours CEU
- 2013 St. Louis University Masters Conference 15 July 22-25, 40 hrs.
- 2014 National Institute of Justice, New York City Office of the Chief Medical Examiner Basic Death Investigation Program, Jan 22, 5 hrs.

Specialized Training and Internships

- 1998: Internship w/ Dakota County Coroner Office, Minnesota under the guidance of Chief deputy coroner Jill Roman went to scenes, phone reports for hospital deaths, under the guidance of forensic pathologists assisted with autopsies, and did an 8 ride-along with Minneapolis PD. Total 48 hrs.
- 2000: Criminal Justice 101NYC, Ulster County Community College, NY
- 2008 Los Angeles County Coroner's Office: Dec 10-19. Went on calls with Pediatric MLI Denise Bertone and reviewed several years of Pediatric drowning case files.

2005: Incident Command Course ICS Orientation (1-100), NYS Emergency Management Office ~3 hrs.

2006: NYS Incident Command System Basic I-200, Dutchess Cty NY (12 hrs.), Feb 22-23

1994, audited, Human Pathophysiology, SUNY New Paltz

Continuing Education

See supplement.

Research Experience

1981-1988: The American Museum of Natural History, New York, New York

Independent Special Studies Program

Marine Animal Behavior Research Internship more than 1,000 hours

Comparative Psychology Laboratory Research Studying the behavior of several aquatic species

Scientific Diving and Research during three Field Trips to Puerto Rico studying the behavior of

Aplysia dactylomela for a total of approximately 2 months

- 1981-82: African cichlid fish fry behavior, The American Museum of Natural History, NY
- 1982: Precopulatory behavior of *Aplysia*, field study Puerto Rico, AMNH
- 1985: Independent study: literature review and data analysis of *Aplysia* Research, Univ. of Michigan
- 1985: Precopulatory behavior of *Aplysia*, field and lab study Puerto Rico, AMNH
- 1986 Independent study – Cross-cultural comparative study of factors influencing human fertility rates, Univ. of Michigan
- 1987: 4-month field study and 4-month lab study of *Aplysia*, Puerto Rico and AMNH
- 1988: Independent study: adolescent attitudes on the value of having children, Univ. of MI

- 1984-1985 Research Assistant: laterality in schizophrenics. Riverside Psychiatric Clinic. Univ of Michigan, Dr. Ronald Suarez.
- 1985-7: Research Assistant: Taste bud development in rats. The neuroscience Dept. Univ. of Michigan with Dr. Bruce Oakley.
- 1997-9: Scuba diver skill performance in a deep tank at UNEXS, Bahamas (642 divers)
- 2004-ongoing: Scuba diver breathing rates and air consumption at rest and while kicking
- 2004- ongoing: Body–Found-in-Water investigation data points include: location, position, posture, environmental variables (type of water, depth, etc.) state of decedent (injuries, clothing, lung weights, stomach contents, sphenoid sinus fluid, decedent disposition, toxicology, PMH, COD, MOD, and more)
- 2004- ongoing: Body-Found-in-Bathtubs- data points include: position, posture, who found, who removed from bathtub, state of bathtub (water level, water running or off, etc.) state of decedent (injuries, clothing, lung weights, stomach contents, sphenoid sinus fluid, decedent disposition, toxicology, PMH, COD, MOD, and more)

Supervisory Duties for Forensic Student Interns:

Kelly Moon: 2014-16. Forensic use of Diatoms literature review. Bathtub case study (poster session at AAFS 2015).

Jacqueline Bleakley: 2014-15. Forensic Science Masters Thesis on body movement in current using human models in a flume. Presented at AAFS 2015.

Christina Elliot: 2016. Aquatic crimes against children committed by caregiver offenders.

Adelee Choban: 2016: Body found in Bathtub study,

Invited Lectures and Symposia

For list see attached supplement

Since 1988 lectured and conducted workshops internationally and nationally, extensively in coroner and medical examiner offices, legal and scientific organizations, colleges and universities, law enforcement, military bases, and medical organizations, -

on various topics in forensic sciences, including aquatic scene investigations, aquatic abuse, search and rescue/recovery, and the use of scientific evidence in court with examples of specific topics:

- Processing aquatic scenes including but not limited to: bucket, sinks, bathtubs/hot tubs, toilets, swimming pools, commercial environments, lakes, rivers, oceans, and ice-covered bodies of water.
- Investigating adult and pediatric body-found-in-water cases in the above environments.
- How to recognize, identify, document, investigate possible aquatic suicide and homicide cases.
- How to recognize, identify, document, investigate possible fatal and nonfatal aquatic intimate partner violence, child abuse, other forms of domestic violence, sexual assaults, and aquatic sexual sadism.
- Jurisprudence issues in fatal and nonfatal aquatic incidents.
- Dive incident investigations.

Students include: crime scene investigators, forensic scientists, patrol officers, detectives and investigators, marine patrol, USCG, dive team personnel, medical examiners, coroners and their deputies, medicolegal death investigators, forensic pathologists, child abuse physicians, jurisprudence members, military, forensic nurses, victim advocates, social workers, and anyone whose work could involve possible aquatic abuse, injury, death, or homicide incidents, on the topics of:

Memberships and Affiliations

Underwater Society of America

Lifetime: Women Diving Hall of Fame – charter inductee

1988 – current: National Association of Underwater Instructors

1998 – current: Professional Association of Diving Instructors

1995 –Present: Undersea Hyperbaric Medical Society (associate member)

1999 –2001: Undersea Hyperbaric Medical Society Great Lakes Chapter (associate member)

2006 – current: New York State Association County Coroners & Medical Examiners

2008 – current International Association of Coroners & Medical Examiners

2009 – current American Academy of Forensic Sciences Associate Member
2009 – current National Association of Medical Examiners Affiliate Member
2010-2011 International Association of Fire Service Instructors member #13559
2011 – 2012: National Water Safety Congress
2011 National Fire Protection Association 1006 standards committee
2012-2013: Illinois Homicide Investigators Association, member in good standing
2015-Present Boston Sea Rovers Associate Membership, March, Danvers MA
2017-2018: Disciplines committee of the American Academy of Forensic Sciences
2018: Member status American Academy of Forensic Sciences
2022: Fellowship status American Academy of Forensic Sciences

Advisory Committees/Boards

1994-1996, Served as education chairperson and secretary for the Beneath the Sea Hyperbaric Center at St. Agnes Hospital, NY

1998 - present: New York State Divers Association Committee Chair: Safety

2006, November - 2016: Serve on the National Fire Protection Association Rescue Technician Professional 1006 Qualifications Committee.

2015 – 2019 Fire Engineering/Fire Dept. Instructor Conference Advisory Board

2015 American Academy of Forensic Sciences, disciplines committee

2021 to present New York State Department of Criminal Justice Cold Case Review Committee

2022 to present: The Organization of Scientific Area committees for Forensic Science (OSAC) Scene Investigation/Reconstruction Subcommittee (SI/R SC)

2023 to present: The Organization of Scientific Area Committees (OSAC) (SI/R SC) Aquatic Scene investigation task group

2022 to present: The National Center for Fatality Review and Prevention (NCFRP) Drowning DSI Work Group. Advisor for the development of the Drowning Investigation Form, online training program, and the video for the training program.

Case consultations

2015-Present: National Center of Missing & Exploited Children
Provide consultation on aquatic related cases such as search operations.

April 2021 – Present: NYS Division Criminal Justice Missing Person Cold Case Review Panel
Serve as a panel member for monthly case reviews. Panel members have 1 month to study case files, write out questions & suggestions, and then participate in an online meeting that involves a case presentation by the case investigator(s) followed by a panel questions and answer session. Sometimes there is follow-up work on cases by individual panel members.

Case consults for Multidisciplinary Teams and Fatality Review Teams, as well as for the following types of agencies and their members: Law Enforcement, Medical Examiner/Coroner/Forensic Pathologists, Jurisprudence members, Families.

Publications

Books

Hendrick W, Zaferes A. Surface Ice Rescue. (1999) Fire Engineering PennWell Publishing, Tulsa, 214 pages

Hendrick W, Zaferes A, Nelson, C. Public Safety Diving Operations, (2000). Fire Engineering Pennwell Publishing, Tulsa, OK., 351 pages

Hendrick W, Zaferes A. Ice Diving Operations (2003) Fire Engineering PennWell Publishing, Tulsa, OK. 540 pages

Zaferes A, Hendrick W. The Foreword for Underwater Forensic Investigation, by Ronald Becker, (2006) Prentice Hall Publications, Saddle River NJ. P. XV-XVI.

Field Neurological Guide and Workbook, 1988

Oxygen & the Scuba Diver – 1992, Lifeguard Systems, Inc. NY

Scuba Instructor Readiness Series 10- hour video and 700 page workbook, 2002, Lifeguard Systems, Inc. NY

Hendrick W, Zaferes A, Nelson, C Homicide by Drowning, by 2000, 375 pages

Hendrick W, Zaferes A Public Safety Diver Standard Operating Procedures and Guidelines, (1994, 1998, 200) (45 pages)

Presentation and Poster: Proceeding Abstracts

Zaferes, Reiber, Chute. "Death Due to Aquatic Erotic Asphyxia — Accident or Homicide?" Presentation at the American Academy of Forensic Sciences Annual Meeting, February 24, (2008), Washington DC, abstract

Bleakley JE, Moran KS, Zaferes A, McKiernan H. Determining the Impact of Density and Orientation on the Velocity of Submerged Human Remains. Presentation at the American Academy of Forensic Sciences Annual Meeting, May (2015). Abstract

Zaferes, A. Murder or Accidental Drowning in a Bathtub? Case Studies of Drowning and Non-Aquatic Homicides Staged as Bathtub Drowning Accidents and Suicides, Abstract, Proceedings of the American Academy of Forensic Sciences 67th Annual Scientific Meeting, (2015)

Zaferes, A., Chute, DJ.MD, Hatza, A, Moon, K. Bathtub Death Investigation – the need for a scientific investigation standard. Abstract. Proceedings of the American Academy of Forensic Sciences 67th Annual Scientific Meeting, (2015),

Learning to Spot Aquatic Crimes Against Children (ACAC): An Examination of Situational Context Identifying Six Categories. Christina M. Elliott, BA*; Mary E.S. Case, MD; Idaly P. Hidalgo, MD; Andrea

Zaferes, BA, Presentation and Abstract, American Academy of Forensic Sciences (2016), Anaheim, CA.

Co-Occurring Criminal Asphyxiation, Andrea Zaferes, Kelsey McKay, Allyson Cordoni, Kathy Bell, Poster Presentation and Abstract, American Academy of Forensic Sciences (2020), Anaheim, CA.

Andrea Zaferes, Rod Covllin: Staged Botched Bathtub Homicide, *Proceedings*, American Academy of Forensic Sciences, vol.27 (2021)

McKay K., Zaferes A., Johnson R. Tapping an overlooked resource: Training and utilizing crime scene investigators to recognize and document criminal asphyxiation cases. *Proceedings*, American Academy of Forensic Sciences, (2022)

Papers, Articles

Zaferes A. Field Methods note: identification of individual *Aplysia* spp. By head pigment patterns. *Int J Comparative Pscy.* 1990; 3(4).

Zaferes A, Skolnick A, Tobach E. Interindividual activity and reproduction in *Aplysia dactylomela*. *Journal of Marine Behavior and Physiology*, 13(3):221-238 · July 1988

Lopez LM, Tobach E, Zaferes A. *Aplysia* Ink and Opaline: Exploration of their Relation to Predation. *Bulletin of Marine Science -Miami-* 45(3):664-670 · November 1989

Tobach E, Zaferes A, Megenez L. Predation of *Aplysia dactylomela* *Marine Ecology Journal*, 1990

Zaferes A. Individual identification of *A. brasiliiana*. *Journal of Comparative Psychology* 1991

Germain C, Zaferes A. Ice Rescue, in *Handbook on Drowning*, Editors Branche et al., (2005) Springer publishers, Amsterdam, Pages 249-254.

Zaferes, A., and Hendrick, W. Homicidal Drowning, in *Handbook on Drowning*, Editors Branche et al., (2005) Springer publishers, Amsterdam, Pages 633-635.

Lunetta, P, Zaferes, A, Modell J, Establishing the Cause and Manner of Death for Bodies Found in Water. In *Drowning*. J. Bierens (ed.), Springer-Verlag Berlin Heidelberg 2014, pages 1179-1189

Zaferes, A, And Hendrick, W. "Homicidal Drowning- what first responders can do. *FireRescue* 1, Sept 12, 2007, <http://www.firerescue1.com/fire-ems/articles/310457/>

Zaferes, A., and Hendrick, W. Disaster Management & Domestic Preparedness. A three-part series on "Mass Casualty Water Disasters". 2004-2005. *Frontline First Responder*

Zaferes, A., and Hendrick, W. How Prepared Is Your Safety Diving Team for a Bridge Collapse? *Fire Engineering*, December, 2007, Vol. 160, No. 12, pp 75-84.

Asked to Review the following publications

Ms. Ref. No.: FSISYN-D-23-00013

Title: Obtaining optimal visual records for underwater crime scene investigation

Forensic Science International: Synergy. Henry J. Swofford, Associate Editor. March, 2023

Article Publications – diving and rescue

Zaferes, A., Hendrick, W. (1997) Police Survival, Sortie; 1(2):40-42

Zaferes, A., Hendrick, W. (1997) Training the public safety diver team set up, Sortie; (3):16-38

Zaferes, A., Hendrick, W. (1997) There's only one job you have to do every time-go home! sortie; Pages 31-35

Zaferes, A., Hendrick, W. (1997) The future: multi-specialist water rescue teams, Sortie; Pages 28-29

Zaferes, A., Hendrick, W. (1997) First on weight belts last off or dead or alive-Part 1, Sources; Fourth Quarter. Pages30-35

Zaferes, A., Hendrick, W. (1997) Loosen that BCD chest strap. Sources

Zaferes, A., Hendrick, W. (1997) Kiss the water hello before you dive & keep that mask on, Contact; Fall/Winter:4-5

Zaferes, A., Hendrick, W. (1997) So you want to start a dive team or improve the one you have-Part 2 Minimum personnel to conduct a dive operation. Dive Journal; Jul/Aug:5-10

Zaferes, A., Hendrick, W. (1997) So you want to start a dive team pt 3-minimum equipment for low/no visibility dive team ops-surface support gear, Dive Journal Sep/Oct:5-6

Zaferes, A., Hendrick, W. (1997) What are we looking for? Sources; Second Quarter:36-37

Zaferes, A., Hendrick, W. (1996) The field neurological exam pt 2 taking the first steps in the process. Sources; Fall:39-41

Zaferes, A., Hendrick, W. (1996) What is a field neurological evaluation? Sources; Summer:42-44

Zaferes, A., Hendrick, W. Weight belts first on last off dead or alive-pt 1& 2 integrated weight systems Page 3-12

Zaferes, A., Hendrick, W. (1992) Secure your hoses! California Diving News; Aug 9(8)

Zaferes, A., Hendrick, W. How to make sure your dive trip doesn't become a dehydration journey, Dive Medicine Page 31

Zaferes, A., Hendrick, W. Additional safety tips for divers. Fire Engineering; 1991: Oct:74-75

- Zaferes, A., Hendrick, W. (1991) Don't hold your breath & other things we tell our students Phase 1-The Field Neurological Program: How Accidents Happen, Sources; Jul/Aug:37-40
- Zaferes, A., Hendrick, W. (1991) How did we miss it? Sources; Mar/Apr:45-46
- Zaferes, A. Diving in contaminated water just how safe are you? Sortie; 1(4):8, 25
- Zaferes, A. (1998) Public safety dive operation guidelines maximum depth-Part 1. Sortie; 1(4):13-15
- Zaferes, A. (1997) Communicating in zero visibility Immersed; Fall:36-37
- Zaferes, A. (1997) So you want to start a public safety dive team understanding the risks-Part 1. Dive Journal; May/Jun:17-18
- Zaferes, A. (1997) Rethinking the hit Immersed; Spring(5):24-36
- Zaferes, A. (1995) The past is critical to our future, Sources; Jul/Aug:41
- Zaferes, A. Shears cut the need for knives. Sources
- Zaferes, A. (1994) The rescue challenge Sources; Jul/Aug:47-48
- Zaferes, A. (1993) Women & diving: valid questions Sub Aqua; Jun:7-8
- Zaferes, A. (1993) Epistaxis to stop, or not to stop? Sources; May/Jun:78-79
- Zaferes, A. (1993) Should you become a CPR/BLS/1st aid instructor Sources; Mar/Apr:28-30
- Zaferes, A. (1992) Women divers take a rescue class Sources; Jul/Aug:57-59, 72
- Zaferes, A. (1991) Deep, long, & bent just for the thrill of it Sources; Sep/Oct:62-63
- Zaferes, A. (1990) Rapid deployment search & rescue-the LGS way Sources; Jul/Aug:29-32
- Zaferes, A. Oxygen administration, is it for you? Sources
- Zaferes, A. LGS holds UNEXSO Instructor Training Course. Sources
- Zaferes, A. Techniques for teaching a top-quality sport diving rescue techniques course-pt 1
- Zaferes, A. So, you want to start a public safety dive team: start with the right mentality. NAUI Sources Flipbook, Feb 2019, pages 44-45.
- Viders, H. Andrea Zaferes a bright woman rises from the sometimes-dark waters of dive rescue, Alert Diver; Sep/Oct:52

ICE & COLD

Zaferes, A. Spring pre-planning for surface ice rescue-Part 2: Surface Ice Rescue Poles SORTIE; 1(3):30-31

Zaferes, A. Spring pre-planning for safe ice rescue Ops: Part 1. SORTIE; 1(2):36-37

Zaferes, A., Hendrick, W. No ice is safe ice SORTIE;1(1):20-22

Zaferes, A. (1998) NAUI Needs ice training programs Sources; First Quarter:22-23

Past Work:

Contributing Editor for Sources Magazine and the Dive Journal

Managing Editor for SORTIE, rescue & recovery water operations

Reviewed the National Fire Protection Agency water operations Document 1670, with several accepted review suggestions.

Honors and Recognitions

1987 Recognition for over 1,000 hours to the American Museum of Natural History Comparative Psychology Laboratory – as a researcher and diving safety officer in NY and P.R.

1992 NAUI Outstanding Contributions to Diving Award

1994 First woman to receive the Beneath the Sea/Underwater Society of America Diver of the Year Award for Diving Education

1996 Underwater Canada Rogues' Gallery inductee

1999 NAUI Pacific Rim Outstanding & Supporting Service Award

1999 EMT of the Year Award, Marblertown First Aid Unit

2000 Charter Member Inductee to the Women Divers Hall of Fame

2001 Malaysian Fire & Rescue Recognition Award for Diving Education

2003 Diver's Alert Network – Rolex Diver of the Year Award, for Education and Safety received a Yacht Master Rolex

2015 Elite Instructor Award, Professional Association of Diving Instructors

2017 NAUI Innovation Award, for Leadership Level Rescue

Foreign Languages

Conversational Dutch

Teaching and Program creation Experience:**Peace Officer Standards and Training**

The following are examples of States in which the training programs I teach have received POST approval. This is not an all-inclusive list.

- State of Arkansas: Aquatic Death and Homicidal Drowning Investigation (ADHDI)2- and 3-day courses

- State of California: ADHDI 2- and 3-day courses; Rapid Deployment Search and Rescue/Recovery (RDSRR) (submerged body and evidence); Large Area Search (submerged body and evidence)
- State of Minnesota: ADHDI; RDSRR
- State of Michigan: ADHDI
- State of Texas: ADHDI

Continuing Medical Education (CME) credits are required and offered to physicians and those with a medical license. Instructor credentials and Training Program information must be reviewed and pre-approved to offer CME credits. A number of courses I have taught have received CME credit. The same is true for many conference presentations and workshops. This is true whenever a conference host has applied conference presentations for CME credit. Examples would be NAME, AAFS, diving medicine, and medical examiner state conferences. My ADHDI class has received this credit.

Continuing Education Credit American Board of Medicolegal Death Investigators (ABMDI). The 2-day Aquatic Death and Homicidal Drowning Investigation program as well as conference presentations has been granted this credit.

Emergency Medical Services CEU State credit. Some States offer and sometimes require EMS credit for the emergency medical technicians, paramedics and other medical first responders. This is not an all-inclusive list

- State of Connecticut
- State of New Jersey
- State of New York
- State of Pennsylvania

Aquatic Abuse, Death and Homicidal Drowning Investigation (AADHDI) 16- and 24-hour programs

First one took place: October 1997, Dover PD, Toms River, NJ.

As of September 1, 2020 I have taught more than 177 of these programs, mostly 16-hour, programs to at least 3,500 law enforcement, death investigators, domestic violence workers, military, child abuse physicians, and jurisprudence members.

Sample of Public Safety Certification Courses – Designed with Walter Hendrick and currently teach:

Aquatic Death and Homicidal Drowning Investigations (two-, three-, and four-day programs, 16-32 hrs.)
 Public Safety Diver Phase I Instructor Training Course
 Public Safety Diver Phase II Instructor Training Course
 Rapid Deployment Search & Rescue/Recovery I, II
 Underwater Investigations
 Underwater Vehicle Extrication
 Large Area Search & Boat Operational Diving
 Ice Diving Operations I, II
 Surface Ice Rescue I, II
 Surface Ice Rescue Instructor Training Course
 Field Neurological Evaluation and Instructor Training Program
 Drownproofing Turnout Gear

Certified as an Instructor for the following Instructor Specified Specialties

NAUI

Rapid Deployment Search & Rescue I
Rapid Deployment Search & Rescue II
Blackwater I

PADI

Drysuit (2003)
Peak Performance Buoyancy (1994)
Oxygen Admin Accident Mgmt (1992)
Field Neurological (1992)
Blackwater Search Operations (2002)
Rapid Deployment SARR (2002)
Large Area Search (2002)
Surface Ice Rescue Technician (2002)
Rapid Deployment SARR Tender (2003)
Full Face Mask PSD Diver (2007)

Sport Certification Courses – wrote with Hendrick and currently teach

Instructor Training Course for NAUI and ACUC
Instructor Preparatory Program
Advanced Teaching Techniques
Diving Rescue Techniques I, II
Oxygen Administration and Field Neurological Evaluation
Buoyancy Control I, II, III
Buoyancy Control Instructor Training

Resort and other Professional training programs – wrote with Hendrick and currently teach

Amusement Park Water Show Safety and Water Rescue
Shark Attack Rescue Training
Rescue Challenge – Leadership Level Rescue for divemasters and instructors
Resort staff basic life support and first aid
Resort emergency action planning

Supplements**Forensic speaking Engagements**

1. 1999: International Police Diving Symposium (first woman speaker), Hamilton, Ontario
2. 2001: Nov 7, Water-Related Death Investigator, Toronto, Canada
3. 2001: International Police Diving Symposium, Hamilton, Ontario – Homicidal drowning.
4. 2002: World Drowning Congress, Amsterdam - Homicidal Drowning; Children and Diving
5. 2002: World Drowning Congress, Amsterdam - Homicidal Drowning; Children and Diving
6. 2003: International Police Diving Symposium, Hamilton, Ontario, Master of Ceremonies (first woman to be the MC)
7. 2004: Short Evening presentation: 2004 Annual New England Seminar in Forensic Sciences. ME – Bodies-found in the water
8. 2004: 75 min, Nov 3, County of Los Angeles Dept. of Coroner seminar “Recreational and Occupational Deaths” “Investigating open water drowning.”
9. 2005: 1 hr, New York City Medical Examiner’s Monthly Training session – Bodies found in the water
10. 2005: 1 hr, 11th Masters Conference, Death Investigation, St. Louis University, MO – Homicidal Drowning Investigations
11. 2005: 3 hrs., 32nd New England Seminar in Forensic Sciences, Colby University, ME – Bodies found in water investigations, Homicidal Drowning Investigations
12. 2005: Medicolegal Death Investigators Annual Dinner Presentation- water-related investigations
13. 2005: 4-hrs., Annual Advanced Training Symposium for Coroners, CA State Coroner’s Association. – Bodies-in-water investigations
14. 2006: 4- hrs., Annual Indiana State Coroner’s Conference - Bodies-in-water investigations
15. 2006: 3 hrs., Finding Clandestine Graves, Necrosearch, Colorado
16. 2006: 2-hrs., Annual Advanced Training Symposium for Coroners, CA State Coroner’s Association. – Bodies-in-water investigations – Aquatic Eroticism & Aquatic Sexual Sadism
17. 2006: CSI Los Angeles County Coroners Conference Nov 1, - 15 minutes on diving fatality investigations
18. 2006: Int’l Forensic Nurse Conference Nov 4, 8 hrs., Long Beach CA
19. 2007: New York State Association of County Coroners & Medical Examiners – 3 hours on aquatic eroticism, homicidal drowning, body-found-in-water investigations (March), Verona NY
20. 2007: Alabama Coroner Conference – 5 hours on aquatic eroticism, homicidal drowning, body-found-in-water investigations (April)
21. 2007: Fire Department Instructor Conference – 1 hr 45 min Foul Play Drowning for first responders (April), Indianapolis, IN
22. 2007: Sacramento Coroner’s Office Death Investigation Conference, May 7-8, - 6 hours on body found in water investigations
23. 2007: Ohio Coroners Annual Conference, Cleveland- 3 hours on body found in water investigations
24. 2007: International Coroner’s Association Annual Conference, Boise Idaho May 10, 5 hours on body found in water investigations
25. 2007: St. Louis University ABMDI Masters Death Investigator conference, St. Louis, May 26 – 1 hr 15 min Aquatic Eroticism and Aquatic Sexual Sadism
26. 2008: American Academy of Forensic Sciences Annual Meeting February 23, Washington DC, 20 minute presentation: Aquatic Erotic Asphyxia, Accident or Homicide?
27. 2008: Sacramento County Coroners Office Death Investigation conference, March 25, 0900 hrs. 1700 hrs.. Held at Fulsom PD.
28. 2008 National Center for Missing & Exploited Children Team Adam Training Conference October 14, 2 hrs., Pediatric drowning investigations and dive team operations.

29. 2009: International County Coroners and Medical Examiners Annual conference, August 3, 4 hrs.: Homicidal Drowning and Body-found-in-water investigations
30. 2009: National Center for Missing & Exploited Children Team Adam Training Conference October 13, 2 hrs., Pediatric drowning investigations and dive team operations
31. 2010 Colorado County Sheriff's Annual Conference, January 6, 2 hrs., Body found in water investigations.
32. 2010 June 11, CO County Coroner's conference, CO Springs. 2 hrs., Body found in water investigations.
33. 2011: National Center for Missing & Exploited Children Team Adam and Project Alert Training Conference March 9, 1 hr 45 min, Pediatric drowning investigations and dive team operations
34. 2011: Child Abuse and Family Violence Summit, Portland OR, 21 hours
35. 2011: Colorado County Coroner Conference Sept 9, 2 hours on bathtub and swiftwater drowning investigations
36. 2011: New York City Office of the Chief Medical Examiner Grand Rounds Dec 1. Bathtub drowning investigations 1 hr
37. 2012: National Institute of Justice, New York City Office of the Chief Medical Examiner Basic Death Investigation Program, Jan 27, 90 minutes
38. 2012: Major Case Assistance Team monthly training, Cook County, IL Feb 16, Aquatic Death Investigations, 5 hours
39. 2012: Child Abuse and Domestic Violence Summit, Portland OR, April 26-27, Pediatric Aquatic Homicide 3 hours, Women Drowned by their Male Partners 2 hours.
40. 2012: Ulster County Law Enforcement Training Center, May 1, Aquatic Death Investigation, 4 hours. This was repeated on May 8 as the attendance for May 1 went beyond the 60 person seating capacity.
41. 2012: Indiana Coroners Conference, Merrillville IN, June 24, 3 hrs. 45 minutes.
42. 2012 Illinois County Coroners Homicide Conference, Collinsville IL, August 9-10, 14 hours of Aquatic Death Investigation Training, including 2 hours on an openwater site.
43. 2012: Illinois Homicide Investigators Association Annual Third Annual Conference October 10, 0830-1130, 1300-1600. Homicidal Drowning Investigation.
44. 2013: The New York State Accident Site Study Conference, March 14
45. 2013 The Scuba Show, Long Beach CA June 7: Underwater Forensics, 4 hours
46. 2013 Wisconsin Coroners and Medical Examiners Conference 0815-1600n hrs. Aquatic Death Investigation for death investigators
47. 2013 St. Louis University Masters Conference 15 July 22, 3 hrs., Bathtub death investigation
48. 2013 International Assoc. of Cold Case Investigators, August 15, Tulsa Police Training Center, OK. 8 hrs. Aquatic Death Investigation for LE
49. 2013 New York Sheriff's Association Annual conference, September 11, 1 hr on Aquatic Death Inv.
50. 2013 Castle Rock Coroner Pubic Education Seminar October 22, Castle Rock CO 1 hour talk on Aquatic Deaths
51. 2013 Prevent Child Abuse Utah Conference November 12-15, four 90 min talks on pediatric aquatic death investigation and pediatric bathtub deaths.
52. 2013 New Jersey State Police Homicide Association Conference November 22, Atlantic City, 4 hours, Homicidal Drowning Investigation
53. 2014 National Institute of Justice, New York City Office of the Chief Medical Examiner Basic Death Investigation Program, Jan 22, 90 minutes
54. 2014 Dutchess County Sheriff's office and the Hudson River Law Enforcement Task Force, Aquatic Death Investigation, 90 min, January 29. Dutchess County NY

55. 2014, The Center for Forensic Science Research & Education, 2 hrs., Aquatic Death Investigation, Willow Grove PA, Feb 14
56. 2014: Aquatic Death Investigation – bathtubs, MA State Police, 1 hour, March 7
57. 2014: Boston Sea Rover, Danvers MA, March 8, Underwater Forensics workshop 4 hours.
58. 2014: Northeast Wisconsin Technical College, Homicide Investigation Training seminar, Aquatic Erotic Asphyxia and Aquatic Sexual Sadism, 4 hrs., April 3, Green Bay WI
59. 2014: PA State Police Homicide Association, Advanced Practical Homicide Investigation Training w/ Vernon Geberth, 8 hrs., April 8, State College PA
60. 2014: Kentucky Coroner Conference, Aquatic Death and Homicidal Drowning Investigations, 4 hours April 24
61. 2014: St. Clair Advocacy Center, Pediatric Aquatic Child Abuse and Homicidal Drowning, 8 hrs., Fairview Heights, IL May 1
62. 2014: Crimes Against Children Conference: 12 hrs., 4 two part talks on Abuse in the Bath and Aquatic Death Inv. hrs., Dallas TX Aug 11-14
63. 2014: Oklahoma State Bureau of Investigation Agents Conference, Lake Murray, 4 hours, Aquatic Death Investigation, October 23
64. 2014 Prevent Child Abuse Utah Conference, 3 hrs., Hypothermia and Child Abuse, Pediatric Aquatic Death and Abuse Investigation, Salt Lake City, October 28.
65. 2014 Iowa Association of County Medical Examiners annual conference, Aquatic Death Investigation, Nov 15
66. 2015 American Academy of Forensic Sciences 67th Annual Scientific Meeting, 2 hr presentation on bathtub death investigation during an 8 hr workshop on the Drew Peterson Case, Feb 16, Orlando, FL
67. 2015 American Academy of Forensic Sciences 67th Annual Scientific Meeting, Poster Murder or Accidental Drowning in a Bathtub? Case Studies of Drowning and Non-Aquatic Homicides Staged as Bathtub Drowning Accidents and Suicides, February 19, , Orlando, FL
68. 2015 American Academy of Forensic Sciences 67th Annual Scientific Meeting, coauthor on 15 minute paper presentation – Body Movement in Current Feb 19, Orlando, FL
69. 2015 American Academy of Forensic Sciences 67th Annual Scientific Meeting, 15 minute General Section talk “Bathtub Death Investigation – the need for a scientific investigation standard February 20, Orlando, FL
70. 2015: Child Abuse & Family Violence Summit. April 21-22: Domestic Homicides staged as drowning accidents 2 hrs.; Water Related Abuse & Pedophilia 1.5 hrs.; Hypothermia & Cold Stress Abuse 1.5 hrs..
71. 2015: NYC Forensic Odontologist Association, NYC, 2 hrs., Aquatic abuse and homicide investigations
72. 2015: SARCon, Sept 27, 8 hours –3 hrs. lecture, 3 hrs. hands-on on a pond site, Clackamas County, Oregon. Clackamas County Sheriff’s Office.
73. 2015: National Association of Medical Examiners, October 3-5, Accident or Homicide? – Aquatic Death Investigation, Poster Presentation presented by intern Kelly Moon for Zaferes.
74. 2015: Child Protection: Our Responsibility, October 8, 4 hours, Aquatic Child Abuse and Homicide Investigation, Cedar Rapids, Iowa, St. Luke’s Child Protection Center
75. 2016: American Academy of Forensic Science 68th Annual Scientific Meeting, Pediatric Aquatic Death and Homicidal Drowning 90 minute talk in Practical Homicide Investigation®: An Evaluation of Homicides Involving Child Victims, Child Offenders, and Equivocal Death Investigations February 22. Las Vegas, NV
76. 2016: Conference on Crimes Against Women, Aquatic Crimes Against Women 3 hours, Dallas, TX, April 4

77. 2016: NE Technical University Homicide Conference, Hypothermia Abuse and Homicide, 2 hours, Green Bay WI
78. 2016: Pennsylvania State Police Advanced Homicide Program, Aquatic Death and Homicidal Drowning Investigation, 8 hours, State College, PA, April 12
79. 2016: Diving Sciences Symposium, Undersea Hyperbaric Medical Society, May 10, Secaucus NJ – 5 hours. Diving Fatality Investigations, 90 minutes
80. 2016: Public Safety Diving Workshop, Beneath the Sea, May 10. Diving Fatality Investigations, 90 minutes, Secaucus NJ
81. 2016: Diving Fatality Investigations Workshop, 8 hrs., May 12, Beneath the Sea, Secaucus NJ
82. 2016: Pennsylvania Homicide Investigators Association Advanced Homicide Training program, April 12, Aquatic Death and Homicidal Drowning Investigation, 8 hours, State College, PA
83. 2016: Child Protection Center Conference, May 5, Pediatric Aquatic Abuse, Torture, and Homicide Investigation, 7 hours, Underwater Forensics 3 hours, Cedar Rapids, Iowa.
84. 2016: Child Advocacy Center, Crimes Against Children, June 28, Dallas, TX, 8 hour workshop Pediatric ADHD
85. 2016: Aquatic Death & Homicidal Drowning Investigation, Oct 10, Fort Wainwright Army Base, Fairbanks AK, 8 hours
86. 2016: Protecting Families Conference, Pediatric Aquatic Abuse, Torture, and Homicide Investigation, Oct 12, Sioux City, Iowa, 3 hrs.
87. 2016: Strangulation, Sexual Assault & Homicide Conference, Aquatic crimes against women, Oct 20, 4 hrs. Maui Police Dept, Maui Hawaii
88. 2016: FindTheLost Conference, Aquatic Death Investigation for canine teams and law enforcement, Nov 2, 8 hrs., Denver CO
89. 2016: Child Death Investigation Task Force Hoyleton Ministries Conference, Pediatric Aquatic Abuse, Torture, and Homicide Investigation, Nov 7, 7 hrs., Fairview Heights, IL
90. 2016: Paluxy River child advocacy Center, Pediatric Aquatic Abuse, Torture, and Homicide Investigation, Nov 10, 6 hrs., Granbury TX
91. 2016: Advanced Practical Homicide Training, Aquatic Death & Homicidal Drowning for law enforcement, Nov 15, 8 hrs., Columbus, GA
92. 2017: 31st Annual San Diego International Conference on Child and Family Maltreatment Feb 1, 3 hrs. on Pediatric Aquatic Homicide and Abuse Investigations
93. 2017: 69th American Academy of Forensic Science Annual Scientific Meeting: Feb 13 Sex-Related Homicide and Death Investigations: Practical and Clinical Perspectives the Significance of Pornography, Sexual Deviance, Autoerotic Fatalities Signature and Modus Operandi (M.O.) in Serial Murder Investigation and Criminal Investigative Analysis Workshop: Aquatic erotic asphyxia and aquatic sexual sadism 1 hr 45 min, Feb 15, New Orleans.
94. 2017: 69th American Academy of Forensic Science Annual Scientific Meeting: Poster Session: Learning to Spot Aquatic Crimes Against Children (ACAC): An Examination of Situational Context Identifying Six Categories. Christina M. Elliott, BA*; Mary E.S. Case, MD; Idaly P. Hidalgo, MD; Andrea Zaferes, BA, February 17, New Orleans
95. 2017: Conference on Crimes Against Women, May 22-23 (10.5 hrs.). Dallas, TX. Lisa Cutler Homicide Case study with ADA Nichole Kronke (90 min), Aquatic Crimes Against Women (3.5 hrs.).
96. 2017: Annual Indiana Coroners Conference, June 3. Open water Aquatic death investigations, 3.5 hrs..
97. 2017: Ocean Township Prosecutors Office Crimes Against Children Conference, June 8, Toms River, NJ, Pediatric abuse and homicidal drowning, (4 hrs.).
98. 2017: Indiana Coroner Conference, June 3, Aquatic Death Investigation (3 hrs.)

99. 2017: NJSP Homicide Association Annual Conference, June 14, Princeton, NJ. Aquatic Death and Homicide Investigations (3.5 hrs.).
100. 2017: Crimes Against Children Conference. August 8 & 9. Homicidal Drowning and Immersion Abuse (6 hours)
101. 2017: Louisiana Coroner Conference, New Orleans, Sept 16, Aquatic Death Investigation (2 hrs.).
102. 2017. University of Southern Florida, Aquatic Death and Staged Crime Scenes with Thomas McAndrew, (20 hrs.)
103. 2017: Maulana Azad Medical College, New Delhi, India. Nov 2. Talk on aquatic death investigations. (2 hrs.).
104. 2017: Pennsylvania Coroner Conference, Nov 17, Williamsport PA, Aquatic Death Investigation (3 hrs.).
105. 2018 New Brunswick forensic Symposium, Canada. 2:40-3:15 EDT talk for forensic pathologists and law enforcement. April 7. 35 min
106. 2018: New Jersey State Police Crime Scene Investigator Unit, Forensic Identification 6 week CSI course, Aquatic Crime Scene Processing, Hamilton, NJ, 2 hrs., May 10.
107. 2018: Advanced Death Investigation. Host: Washoe County Regional Medical Examiner's Office, Reno, NV May 23-24, Aquatic and Related Deaths Workshop 4 hrs., the Dinner lecture keynote speaker – Aquatic Erotica and Sexual Sadism, 1 hour.
108. 2018: 25th Annual Advanced Homicide Investigation Conference, June 12, NJSP, Princeton Univ., 3.5 hrs., Aquatic Homicide Investigations.
109. 2018: Crime Scene Site Study Program, Bevel and Gardner, August 2. Oklahoma City, OK, Aquatic Crime Scene Site study, 1 hour.
110. 2018: Crimes Against Children Conference, Pediatric Aquatic Homicide and Abuse 3 hrs. done twice, Aug 14 & 15, Dallas TX
111. 2018: Michigan Association of Medical Examiners annual conference, Featured Speaker. Mount Pleasant, MY October 26, Aquatic Death and Homicide Investigation, 2.5 hrs..
112. 2019: 10th Annual Champions of Children Conference, Cook County IL, three different 90 minute presentations on pediatric abuse, pedophilia, torture, and homicide. March 11.
113. 2019: Crimes Against Women Conference, Aquatic Crimes Against Women 3 hrs., April 10, Dallas TX.
114. 2019 Interforensic Conference May 24 9 hrs., 30 min presentation on openwater aquatic death and abuse investigations. I was then asked to give a 30 presentation to CSI's from several State police agencies May 25 and a 1 hr presentation at the Brasilia State Forensic laboratory to ~30 CSI's and Medical Examiners followed by a 1 hour review of 2 of their cases.
115. 2019 talk for SANE's and Detectives, Tulsa PD July 8, 2 hrs., Tulsa, OK
116. 2019 IL Coroner Conference, Aug 8, 7 hours.
117. 2019 Crimes Against Children Conference, Aug 13-14, 4 presentations 75 min each, Dallas, TX
118. 2019 New York State County Coroners and Medical Examiners Conference, 45 minutes – drowning and the elderly. White Plains, NY Sept 20-22

119. 2020 35th Annual San Diego International Conference on Child and Family Maltreatment; January 29-30. 3 hrs. Pediatric Aquatic Abuse, Death, and Homicide Investigations. 1.5 hrs. Aquatic Family Maltreatment.
120. 2020 American Academy of Forensic Science Annual Meeting, Anaheim, CA. Feb 18, Think Tank Workshop, Aquatic Death & Abuse Investigations, 25 min. Feb 19, Poster Presentation: Co-Occurring Criminal Asphyxia.
121. 2020 International Conference on Forensic Nursing Science and Practice. September 23 – 26, Co-Occurring Criminal Asphyxia. 90 min webinar with Kelsey McKay and Allyson Cordoni.
122. 2020 Virtual Domestic Violence Symposium. Centering Racial Equality when Responding to Domestic Violence. King County Prosecuting Attorney's Office, WA. October 9. 9-1030 hrs. Recognizing and expanding the role of asphyxiation crimes in interpersonal violence. Kelsey McKay and Zaferes
123. 2020 Virtual Domestic Violence Symposium. Centering Racial Equality when Responding to Domestic Violence. King County Prosecuting Attorney's Office, WA. October 22. 9-1030 hrs. Asphyxiation crimes against children. Kelsey McKay and Zaferes
124. 2021 American Academy of Forensic Sciences 73rd Annual Scientific Meeting. Path/Bio Section. H144. *Roderick Covlin's Botched Bathtub-Staged Homicide: Aquatic Investigative Techniques to Get It Right From the Start*. Friday, February 19, 2021 / 2:45 a.m. - 3:00 a.m. (CST-USA). Virtual
125. 2021 The American Society of Forensic Odontology 51st Annual Virtual Meeting. Body-Found-in-Water Death & Abuse Investigation: When Water is used as a Weapon, Why a standardized, scientific approach is needed. February 27th. 11:20-12:05.
126. Several additional webinars to be filled in later
127. 2021 Texas Municipal Police Association, SAFVIC Systems LEADRS, 90 min. Detecting Aquatic Crimes – Intimate Partner Violence, Austin TX, May 11
128. 2021 Asphyxiation Crimes Against Children for the Washington State Department of Children, Youth & Families. 6 hours with Co-Instructor Kelsey McKay. April 28-29.
129. 2021 The Conference on Crimes Against Women. Two 90 minute workshops: Aquatic Bathtub Crimes Against Women. The Shele Danishevsky Case with 3D Crime Scene Video made in Houston, TX in March. Co-presenter for latter workshop: Pam Schmidt. May 26
130. 2021 The Conference on Crimes Against Women. Faculty on the 8 hour Sexualization of Strangulation Series. May 20 and 21.
131. 2021 Conference on Crimes Against Children, "Criminal Asphyxiation: Beyond the Obvious in Child Abuse Part I and Part 2." 3 hrs. with Kelsey McKay and Allyson Cordoni
132. 2021 Regional Organized Crime Information Center, a RISS Center, Homicide Conference, "How to Get Away with Murder: Misdirection by Criminal Asphyxiation." With Kelsey McKay, August 16, 2 hrs., Biloxi, MS
133. 2021 Midwest Justice for Children, 16th Annual, Pediatric Criminal Asphyxiation, 1.5 hrs. with Kelsey McKay, Sept 22. St. Charles, MO. online
134. 2021 North Carolina Homicide Association Conference. Aquatic Homicide Investigations. 6 hours. In person.

135. 2022 American Academy of Forensic Sciences Annual Meeting. E27 Tapping an Overlooked Resource: Preparing and Utilizing Crime Scene Investigators to Recognize and Document Criminal Asphyxiation Cases. *Kelsey McKay, JD**; *Andrea Zaferes, BA*; *Rachel Johnson, MS*. February 23, Seattle WA. In person
136. 2022 RAFT Medical Examiner Conference, India. Asphyxiation Crimes Against Children. 45 min, online. February 23.
137. 2022 New York State County Coroner & Medical Examiner Conference, 3 presentations: The Hudson River Kayak Case, Bathtub Investigations, The Anna Shove Case. 5 hrs.. Oswego NY Feb 19-20. In person.
138. 2022 PA Homicide Association Advanced Homicide Course, 8 hours on Aquatic Abuse, Death, Homicide, and COCA Investigations. April 13, State College PA
139. 2022 Dutchess County Medical Examiner's Office, in-service on Water Death investigation, 2 hrs.. April 15, Poughkeepsie, NY
140. 2022 Conference on Crimes Against Women. Pre-conference: Missed and Misdiagnosed Homicides, with several other faculty: 7 hrs.. Aquatic crimes Against Women Stages as Noncriminal Swimming Pool & Open Water Deaths Hands-on workshop: 90 minutes, with Walter Hendrick and Dallas PD, conducted two times. How to work Aquatic Crimes Against Women Staged as Noncriminal Bathtub Deaths hands-on Workshop: 90 minutes, with Thomas McAndrew, conducted two time. "I can't Breathe!": the Physiology of Respiration & Asphyxiation as it relates to victims of abuse: 90 min, with Allyson Cordoni & Dr. Jennifer Ross, conducted two times. Sexualization of Strangulation: Overcoming the Rough Sex Defense: 90 min with k. McKay and Scott Hampton. Dallas. May 22-26.
141. 2022 Montana Coroner's Association Conference. Aquatic Death Investigation. 8 hrs.. Billings MT. May 2.
142. 2022 Global Collaboration of Forensic Scientists, the International Criminal Investigative Training Assistance Program (ICITAP-US Dept. of Justice) and the American Academy of Forensic Sciences. Webinar. Aquatic Investigations. 20 min. May 18.
143. 2022 Indiana Coroner Conference. Criminal Asphyxiation that includes Crowning: identification, recognition, documentation, investigation, and prosecution, 2 hours. Aquatic-related fatality, nonfatal/fatal abuse, sexual assault, torture and homicide recognition and investigation, 2 hours. Indianapolis. June 16.
144. 2022 International Society for Applied Biological Sciences, Interdisciplinary Session. Body found in Water Investigations. 20 minutes. Aquatic Homicide hands-on Mock Crime Scene with Dr. Henry Lee, 4 hours. Dubrovnik Croatia June 22.
145. 2022 North Star International First Responder Seminar. 2 hours. Where is the body? Webinar. July 15.
146. 2022 Conference on Crimes Against Children. Drowning & Aquatic Incidents: The Physiology and Process of Fatal and Non-Fatal incidents (90 min x 2); The Sexualization of Asphyxiation by Offenders (90 min); How to Identify and Investigate Pediatric Aquatic Abuse, Punishment (90 min); Sexual Assault, and Homicide (90 min); Asphyxiation Crimes Against Children: The pathophysiology and processes of fatal and non-fatal incidents (90 min), with 3 other speakers, Dallas, TX, August 8-11.
147. 2022 Illinois Coroner Conference, Missed and Missed Diagnosed Asphyxiation Homicides, 3 days with Kelsey McKay and 3 other speakers. Collinsville, IL, Aug 30-Sept 1.

148. 2022 Louisiana Homicide Investigator Association Annual Conference, 7 hrs. on Aquatic Abuse, Death, and Homicide Investigations. Lake Charles, September 20.
149. 2022 New Jersey State Police Crimes Scene Investigation School. Aquatic Scene processing. West Trenton, NJ. October 19. 0930-1200 hrs.
150. 2023 The Chadwick Center Annual San Diego International Conference on Child and Family Maltreatment. January 25-26. 1330-1445 webinar J6: Aquatic Crimes Against Women: Recognition, Investigation, Prosecution. 1 hr 15 min
151. 2023 American Academy of Forensic Sciences Annual Meeting. F93: An Investigation of Best Practices for Fatal and Non-Fatal Bathing-Environment Cases: Guidelines and Tools for Scene Investigators, Law Enforcement, Medical Personnel, Death Investigators, and Jurisprudence. Zaferes A. & Bready B. Feb 16. Orlando FL. 1600-1615 hrs. 15 minutes.
152. 2023 Illinois Coroner Conference, April 5-6. IL, with Kelsey McKay, Maria McCarthy, Thomas McAndrew – 16 hours.
153. 2023 Pennsylvania Homicide Association Advanced Homicide Conference, April 19. State College. 8 hrs.
154. 2023 Conference on Crimes Against Women, April 21-25. How to Catch a Serial Killer. April 21. 4 speakers, 8 hrs. Bathtub homicide hands on Workshop with the Texas Rangers Polygraph Examiners, 90 minutes done twice. Aquatic Crimes Against Women Staged as Noncriminal Swimming Pool & Open Water Deaths, Hands-on Workshop with Dallas PD dive team and Walt Hendrick, 90 minutes done twice. "I can't Breathe!" The Physiology of Asphyxiated Victims., with Allyson Cordoni RN, 90 minutes, done twice. Overcoming the "Rough Sex Defense" & Other Consent Defense, with K. McKay & S. Hampton, 90 minutes. Dallas, TX.
155. 2023 Conference on Crimes Against Children, August 6-10. How to Identify, Document, & Investigate Pediatric Aquatic Abuse, Death, and Homicides Parts I & 2, 90 minutes each, performed twice each. The Drowning Process and Pathophysiology. 90 minutes, performed twice. Dallas, Tx.

Rescue/Recovery and Diving Speaking Engagements, (not all inclusive):

- Third conference of the International Society of Comparative Psychologists, 1986, Costa Rica
- Annual ISCP research seminar at the Collegio Universidad de Humacao, Puerto Rico 1987
- Eastern Psychological Association Annual Scientific Meeting, 1989
- Specialized Rescue Operations Annual Convention, Univ. of Medicine and Dentistry, NJ 1990, 1991
- Spec-Ops Exposition and Trade Show, NC, 1991
- International Conference on Underwater Education, NAUI, FL, CA, and other locations starting 1992
- Council for National Cooperation in Aquatics, North Carolina, 1995
- Somerset County Fire Academy Med Rescue 1994, NJ
- Emory University Conference on Underwater Education, GA, 1994
- Instructor in the Underwater Explosive Recovery Specialist Course, Edmond PD, OK
- International Association of Dive Rescue Specialists, NY
- Beneath the Sea, N, NJ
- Boston Sea Rover Dive Show. MA
- Our World-Underwater, Chicago, IL

- Underwater Canada, Toronto
- NAUI North Atlantic Annual Conference, RI
- NAUI Underwater Education Conference, PA, FL
- Camden University of Medicine and Dentistry Rescue Operations Conferences, NJ
- Eastern Psychological Association, Boston
- International Comparative Psychological Association, Costa Rica and Puerto Rico
- Diving Equipment Manufacturer Association Annual Convention, FL, NV, TX, LA
- Diving Equipment Marketing Association Annual Convention NV, FL
- Pittsburgh Fire Chief Convention
- New Jersey Winter Emergencies Conference
- Undersea Hyperbaric Medical Society Great Lakes Chapter Conference, Canada
- Spec Op Military Expo, Little Creek, VA
- Fire Department Instructor Conference (FDIC), Fire Engineering Magazine, Indianapolis
- Hyperbaric Medicine Workshop, Advanced Wound Therapy and Hyperbaric Center, NY
- Undersea Hyperbaric Medical Society, Great Lakes Chapter, Toronto
- New York State Fire Chiefs Expo, Syracuse, NY
- NAUI Asia International Conference on Diving Education, Kuala Lumpur
- 2003: Westchester Medical Center Dive Safety Conference – Dive Accidents
- 2004: University of Missouri Fire Science Annual Conference, Columbia MO – Surface Ice Rescue
- 2004: North Memorial Medical Center EMS Education Conference, Minneapolis, MN, - Immersion Hypothermia & Drowning
- 2005: FDIC (Fire Dept. Instructor Conference) Indianapolis – water rescue
- 2005 FDIC, Atlantic City NJ – surface ice rescue
- 2006 March 22-23 USCG Survivability of Distressed Mariners – I was not a speaker, I was invited to participate in this ‘think tank’ to help the USCG set policy
- 2007: Jan 27, St. Barnabas Burn Center Fire Fighter Safety Conference – ice rescue and diving operations. – NJ
- 2007: National Association of Search and Rescue Annual Conference, Charlotte NC, May 31-June 2 – Drowning and Hypothermia Patient Management, Blackwater Search Operations.
- 2008: Beneath the Sea Exposition, Public Safety diving 8 hours, March 29, Secaucus NJ.
- 2008: FDIC, April 10, Public Safety Diving – tricks of the trade, 1 hr 45 minutes.
- 2008: Women’s Diving Hall of Fame Conference, Oct 11, NYC. Talk: Public Safety Diving. 45 minutes.
- 2009: April 7. Boston Sea Rover 55th Annual International Underwater Clinic, “The Art of Divemastering” 45 min. April 6: 9-hour Public Safety Diving Workshop.
- 2009: October 18. SARcon, Clackamas County OR, “Public Safety Diving; Moving Water Diving; First Responders to Water Operations” 1 hr 45 min each of 3 presentations.
- 2009: November 3, Public Safety Diving, 8 hrs., DEMA, Orlando, FL
- 2010: Scubafest
- 2010: April 19 & 20: 4 hour Ice and water rescue workshop, 1 hr 45 min Swiftwater Rescue Talk. FDIC Indianapolis, IN
- 2010: 28th Annual National Association of Search and Rescue, May 14: 1 hr 45 min talk w/ Susan Snapp on building a dive team, May 15: 5 hours talk and hands-on regarding running water rescue drills and dive team operations, Tunica MS
- 2010: SARCon Oct 15-16 1 day pool workshop PSD diving, 90 minute lecture “Drill It In”. Oregon.
- 2011 March 25, Small Boat and PWC Operations, FDIC Indianapolis

- 2012 March 9-11, 8 hour PSD workshop, 60 minute Blackwater Diving talk, 60 minute The Art of Breathing talk, Boston Sea Rover Show, Danvers MA
- 2012 March 23, 60 minute Blackwater Diving talk, Beneath The Sea Show, Secaucus NJ
- 2013: March 1*12, 4 hours – How to teach a more effective Rescue Diver course, 4-hours the Art of Divemastering. 45 minutes – UW movement – all three done with Walt Hendrick
- 2013: March 22: 1:45 min – zero visibility diving (Zaferes and Hendrick) during the PSD day. March 23: 3.5 hours – How to Teach a better Rescue Diver Course paid workshop (Zaferes and Hendrick)
- 2013 Diving Medicine Conference, Danbury Hospital April 6. , “Blackwater diving and what recreational divers can learn from it to become safer. 40 min
- 2013 Fire Department Instructor Conference, Indianapolis IN, April 26, “So you have the body, what next?” 1 hr 45 min.
- 2013 The Scuba Show, Long Beach CA June 7: Underwater Forensics 4 hours
- 2014 Boston Sea Rover, Danvers MA, March 9: Drills and Games to Strengthen Dive Skills, 45 minutes.
- 2014: NYS Fire Academy, Technical Rescue Conference, Public Safety Diving, 90 min, Montour Falls, NY
- 2015: Beneath the Sea Dive Show, Tenders and PSD 27th, What the Training “Agencies Never Taught me 4 hours, 29th, Meadowlands NJ
- 2015: Fire Department Instructor Conference, Indianapolis IN, April 20, Aquatic Near Misses and Fatalities Workshop, 4 hours
- 2015: SARCon, Sept 26, 6 hours on underwater vehicle extrication, OSHA and other topics, Clackamus County, Oregon. Clackamus County Sheriff’s Office.
- 2015: Undersea Hyperbaric Medical Society NE chapter annual meeting: Dive accident investigation, Stamford, CT. Oct 23.
- 2015: Diving Equipment & Marketing Assoc. Show, Dive Training Standards, November 6, Orlando, FL.
- 2016: Boston Sea Rover Clinic, Ultimate Underwater Movement talk, Underwater Vehicle Operations workshop, Moving Water workshop, Ultimate Underwater Workshop, Danvers CT, March 5-6
- 2016: Beneath the Sea Show, Public Safety Diver Standards for the Public Safety Day, Knot Tying workshop 3 hrs., Ultimate Underwater Movement 4 hr Workshop (4 hours), Meadowlands, NJ, April 1, 2.
- 2016: Birmingham Dive Show NEC, Investigating Diving Fatalities (done twice, 50 min each), Self-Rescue (45 minutes), Oct 22-23, Birmingham, UK
- 2017: Boston Sea Rover Dive Show, Investigating Diving fatalities Workshop (2 hrs.), Dive Planning-Air Management (50 min), Danvers CT, March 11-12
- 2017: Beneath The Sea Dive Show, Drowning and Immersion Hypothermia for PSD talks (50 min), Teaching Safer, More Effective and More Profitable Dive Classes workshop (3 hrs.), How to prepare for Self-Rescue (talk 50 min) March 24-26.
- 2017: Birmingham Dive Show, UK, Oct 21-22. Two talks on diver safety and underwater movement (90 min)
- 2018: NAUI IQ Scuba Show, Long Beach CA, June 24, Gear up for Contingencies, 1 hour
- 2019: Beneath the Sea, Meadowlands NJ, PSD day Aquatic Physics for PSD 1 hr, Self-preservation and self-rescue workshop 3 hrs., Dress for Success (dive gear safety) workshop 3 hrs.. March 29-31.
- 2019: DEMA-NAUI, Orlando. November 7. 45 minutes on leadership Level Rescue.
- 2020: Diver Medic Webinar series, April 14. The Art of Underwater Breathing. 1 hour.

- 2023: Beneath the Sea, Meadowlands, NJ, Self-Preservation Workshop 4 hours; Dive Incident Investigations: how you can help 1 hr.; Anatomy of a double fatality 1 hr. March 25-26.

Teaching Engagements – very small sample

1. 2021 AADHI 4 days Nebraska State Police Crime Scene Unit. October 12-15.
2. 2021 AADHI 2 days U.S. Marshalls, Cherokee Nation. Tahlequah, OK. October 18-19
3. 2021 RDSRR 3.5 days U.S. Marshalls, Cherokee Nation. Tahlequah, OK. October 20-23
4. 2021 AADHI 2 hr workshop New Jersey State Police Crimes Scene Investigation class October 26 (cancelled day before due to storm).
5. 2021 AADHI 3 days (outdoor) Pensacola Police Dept. Pensacola, FL November 8-9
6. 2022 Surface Ice Rescue. Bayport Fire Dept. Bayport, NY January 22-23
7. 2022 ROCIC Missed and Misdiagnosed Asphyxiation Homicide Investigations. Nashville, TN. February 2-4.
8.
9. 2023 AADHI, Iowa Division of Criminal Investigation, Des Moines, IA, January 10-11, ~25 students
10. 2023 AADHI, ID State PD, Paul ID, January 18-19, ~35 students.
11. 2023 AADHI, Fairfield P.D., Fairfield, CT, March 1-2, 16 hours, ~40 students
12. 2023 AADHI, Lancaster Coroner Office, Lancaster PA, May 3-4, ~20 students
13. 2023 AADHI, Western Colorado Peace Officers Association, Montrose, CO May 17-18, 16 hrs, ~35 students
14. 2023 Pediatric AADHI, Dallas Child Advocacy Center, May 5-6, 16 hours, 114 students
15. 2023 Underwater Forensics for Dive Teams. Dallas CAC, May 5, evening, 4 hrs 26 students

Continuing Education

Forensic

1. 1999: International Police Diving Symposium, Hamilton, Ontario 12 hrs.
2. 2001: Nov 7, Water-Related Death Investigator, Toronto, Canada 7 hrs.
3. 2001: International Police Diving Symposium, Hamilton, Ontario 10 hrs.
4. 2002: World Drowning Congress, 3 days, Amsterdam, Netherlands 8 hrs.
5. 2003: International Police Diving Symposium Hamilton, Ontario, Master of Ceremonies (first woman to be the MC) 12 hrs.
6. 2004 31st Annual New England Seminar in Forensic Sciences, 26 CME credit Category I, AMA, PRA, August 8-12
7. 2004 County of Los Angeles Dept. of Coroner seminar “Recreational and Occupational Deaths” 14 hrs. CMA category I credit. November 3-5
8. 2005 Homicide: Behaviors, Motives, and Psychology, Specialized Training Services, 19.5 CE credits, April 4-6, San Diego CA.
9. 2005: 32nd New England Seminar in Forensic Sciences, Colby University, ME (5 days) 35 hrs.
10. 2005: Advanced Symposium for Coroners, CA State Coroner’s Association. (2 of the 4 days) 14 hrs.
11. 2005: Basic Death Investigation, Armed Forces Institute of Pathology. Nov. 15-18, MD 26 hrs.
12. 2006: NYS Coroner and Medical Examiner Conference (1 day), Sept. 4 hrs.

13. 2006: CSI: Los Angeles County Coroner's Conference Los Angeles, CA, Nov 1, 6 hrs.
14. 2006: International Forensic Nurse conference, Southern CA chapter, Long Beach CA Nov 3 6 hrs.
15. 2007: Sacramento Coroner's Office Death Investigation Conference, May 7-8, 12 hrs.
16. 2007: Ohio Coroners Annual Conference, Cleveland, May 10-12 17 hrs.
17. 2008: American Academy of Forensic Sciences Annual Meeting February 18-23, Washington DC. Including: 8-hr Workshop #7, Sex Related Homicide Investigation, Vernon Gerberth, 8-hr Workshop #19; The Devil is in the Details, Homicide Investigations, Trial Preparation, and Testimony, Rod Englert et al.; 1-hr Breakfast The Zodiac Killer Ciphers; 1-hr Luncheon #2, Healthcare Serial Killers, Ramsland. In addition, attended 26 hours of presentations at the conference over 4 days.
18. 2008 New York State Association of Coroners and Medical Examiners Conference, September 19-21
19. 2008 National Center for Missing & Exploited Children Team Adam Training Conference October 13-15, (0800 hrs. – 1700 hrs.)
20. 2008 Los Angeles County Coroner's Office: Dec 10-19. Went on calls with Pediatric MLI Denise Bertone and reviewed several years of Pediatric drowning case files.
21. 2010 June 10-11, CO County Coroner's conference, CO Springs. Attended all presentations on these days 12 hrs.
22. 2011: National Center for Missing & Exploited Children Team Adam and Project Alert Training Conference, Alexandria VA, March 8-9, 12 hrs.
23. 2011: Child Abuse and Family Violence Summit, Portland OR, 21 hours
24. 2011: Colorado County Coroner Conference Sept 7-9, total of 12 hours
25. 2012: Child Abuse and Domestic Violence Summit, Portland OR, April 24-27, 21 hours
26. 2012: Indiana Coroners Conference, including a 6-hr in-field workshop on forensic entomology with Dr. Neal Haskell. Merrillville IN, June 21-24, 18 hrs.
27. 2012 Illinois County Coroners Homicide Conference, Collinsville IL, August 7-9, 6.5 hours on child abuse, 6.5 hours on profiling and the psychology of doing investigations.
28. 2013 Prevent Child Abuse Utah Conference October 12-15, 12 hours
29. 2013 New Jersey State Police Homicide Association Conference November 22, Atlantic City, 4 hours, Homicidal Drowning Investigation
30. 2014: Northeast Wisconsin Technical College, Homicide Investigation Training seminar, Aquatic Erotic Asphyxia and Aquatic Sexual Sadism, 12 hrs., April 2-4, Green Bay WS
31. 2014: Kentucky Coroner Conference, Aquatic Death and Homicidal Drowning Investigations, 14 hours April 23-26
32. 2014: Crimes Against Children Conference: 9 hrs., Dallas TX Aug 11-14
33. 2014: Oklahoma State Bureau of Investigation Agents Conference, Lake Murray, 4 hours, October 23
34. 2014 Prevent Child Abuse Utah Conference, 8 hours, Salt Lake City October 27-29
35. 2014 Iowa Association of County Medical Examiners annual conference, 4 hrs., Nov 14-15
36. 2015 American Academy of Forensic Sciences Annual Meeting, 13 hrs., Feb 16-20
37. 2015: Child Abuse & Family Violence Summit. April 21-23 , 14 hrs.
38. 2015: Child Protection: Our Responsibility, October 8, 4 hours on Child Homicide Investigation, Cedar Rapids, Iowa, St. Luke's Child Protection Center
39. 2016" American Academy of Science 68th Annual Scientific Meeting: Feb 22 workshop Practical Homicide Investigation®: An Evaluation of Homicides Involving Child Victims, Child Offenders, and Equivocal Death Investigations (4 hrs.), Feb 23 Elder Abuse workshop (4 hrs.), Feb 23-26 presentations and poster sessions (16 hours), Las Vegas
40. 2017: 31st Annual San Diego International Conference on Child and Family Maltreatment Feb 1-2: 5 hours: prosecuting child abuse cases, using images in forensic interviewing, preparing for child abuse trials

41. 2017: 69th American Academy of Forensic Science Annual Scientific Meeting: Feb 13 Sex-Related Homicide and Death Investigations: Practical and Clinical Perspectives The Significance of Pornography, Sexual Deviance, Autoerotic Fatalities Signature and Modus Operandi (M.O.) in Serial Murder Investigation and Criminal Investigative Analysis Workshop (4 hrs.). The Evolution of Frye and Daubert (4 hrs.) Feb 14. various other talks and poster sessions 0830-2200 hrs. Feb 14-17 (18 hrs.), New Orleans
42. 2017: Conference on Crimes Against Women, May 22-23 (10.5 hrs.). Dallas, TX
43. 2017: Annual Indiana Coroners Conference, June 3. (2 hrs.)
44. 2017: Ocean Township Prosecutors Office Crimes Against Children Conference, June 8, Toms River, NJ Pediatric Abuse and Sexual Assault Victim Recantation (3 hrs.).
45. Indiana Coroner Conference, June 3, Aquatic Death Investigation (3 hrs.)
46. 2017: NJSP Homicide Association Annual Conference, June 14, Princeton, NJ. Aquatic Death and Homicide Investigations (1.5 hrs.).
47. 2017: NJSP Homicide Association Annual Conference, June 14, Princeton NJ Aquatic Death and Homicide Investigations. Pediatric Abuse and Injuries, Dr. Fowler, (2.5 hrs.)
48. 2017: Crimes Against Children Conference. August 7 - 9. Homicidal Drowning and Immersion Abuse (6 hours)
49. 2017: Pennsylvania Coroner Conference, Nov 17, Williamsport PA, Aquatic Death Investigation (3 hrs.).
50. 2018: Advanced Death Investigation. Host: Washoe County Regional Medical Examiner's Office, Reno, NV May 23, 3 hrs. (decompositional changes and skeletal remain s recovery.
51. 2018: 25th Annual Advanced Homicide Investigation Conference, June 11-15, NJSP, Princeton Univ. 31 hours including 8 hours on crime scene site study with Rod Englert.
52. 2018: Crimes Against Children Conference, Aug 14 & 15, Dallas TX 6 hrs. of talks.
53. 2018: Michigan Association of Medical Examiners annual conference, October 26-27, several presentations, 6 hrs..
54. 2019: American Academy of Forensic Sciences, February 18-22. 4 hr workshop Investigating diving fatalities and ~20 hours of daytime and evening presentations and poster sessions. Baltimore.
55. 2019: 10th Annual Champions of Children Conference, Cook County IL, March 4 hrs.
56. 2019: Crimes Against Women Conference, April 10-11, Dallas TX. Intimate partner violence investigation workshop – hands-on scenario training 3 hrs., other talks 6 hrs.. total 9 hrs..
57. 2019 Interforensic Conference May 23-25, 9 hrs., presentations at the Sao Paulo State Forensic laboratory 1 hr May 22, presentations at the Brasilia State and Federal Forensic laboratory, Brasilia State medical examiner's office, and the national attorney general's office , Brazil, May 26-7: 2 hrs. for a total of 12 hrs.
58. 2019 IL Coroner Conference, Aug 7, 3 hours. – Death Investigation,
59. 2019 Crimes Against Children Conference, Aug 12-15, ~13 hours, Dallas, TX
60. 2019 New York State County Coroners and Medical Examiners Conference, "The Good, the Bad, and the Elderly." 14 hours White Plains, NY Sept 20-22
61. 2020 35th Annual San Diego International Conference on Child and Family Maltreatment; January 29-30. 3 hrs. on pediatric criminal asphyxia, 1.5 hrs. on fear and control in IPV.
62. 2020 American Academy of Forensic Science Annual Meeting, Anaheim, CA. Feb 18, Think Tank Workshop 0800 – 1200 Feb 18. Sessions through Feb 21st including evening BYOS and other sessions. Total 22 hrs..
63. National Criminal Justice Training Center, What Law Enforcement Need to Know About Forensic Interviewers Presenting Evidence during Forensic Interviews. Webinar April 1, (1.5 hrs.)

64. 2020 Academy of Forensic Nursing Certificate of Attendance, The Forensic and Medical Examination of Gunshot Wounds: Applications for Domestic and Officer-Involved Shootings Part I. July 29, 1400-1530 hrs.. Webinar (1.5 hrs.)
65. 2020 Academy of forensic Nursing Certificate of Attendance, The Forensic and Medical Examination of Gunshot Wounds: Applications for Domestic and Officer-Involved Shootings Part II. Aug 12, 1200-1330 hrs.. Webinar (1.5 hrs.)
66. 2021 American Academy of Forensic Sciences annual meeting. Online annual meeting. February 16-19. 'attended poster sessions and videos of presentations ~10 hours.
67. 2021 The American Society of Forensic Odontology 51st Annual Virtual Meeting. Body-Found-in-Water Death & Abuse Investigation: February 27th. 3 hrs.. managing burnt remains.
68. 2021 The Elder Abuse Guide for Law Enforcement (EAGLE): It's Not Just for Law Enforcement! . JusticeClearingHouse.com 1500-1630 hrs.. 1.5 hours.
69. **2021** Using the Molecular Autopsy to Understand Sudden Cardiac Death and More." Dr. Barbara Sampson (NYC OCME). Webinar July 21, 1000-1045 hrs.
70. **2022**: National Association of Medical Examiners webinar. The Collision of COVID and the Opioid Epidemic: Grand Rounds 2022. Dr. Gregory Davis. 1300 – 1400 hrs.. Credits: 1.0 Issuer: CFSRE.
71. 2022 Virtual Workshop: A discussion on research and multidisciplinary approach to sexual assault. Forensic Technology Center of Excellence. January 26-27, 1200-1700 hours. Total hours: 10.
72. 2022 Virtual Workshop: Sample Collection Practices That can Lead to Elevated or Lower Blood Drug Concentrations. Grand Rounds. CFSRE. February 18. Credits. 1.0
73. 2022 Virtual Workshop: Interpreting Drug Concentrations in Chronic Pain Patients, Palliative, or Hospice Care: Grand Rounds. CFSRE. March 4. Credits 1.0
74. 2022 Introduction to Drug Caused and Related Death Investigation: cfsre. March 16-17. 1200-1600 hrs.. 8 hr total.
75. 2022 New York State Assoc. of County Coroners and Medical Examiners Conference, 8 hrs., March 19-20, Oswego, NY
76. 2022: Effects of Scheduling on the Rise of Novel Synthetic Opioids from Fentanyl to its Analogs to the Nitazenes. cfsre April 1. 1 hr. online
77. 2022: Determination of dental trauma in a medicolegal contact by Dr. Phyllis Ho DDS, April 2. 1.5 hrs. online
78. 2022 Novel Party Drug Hitting Multiple Jurisdictions with Fatal and Non-Fatal Victims: Grand Rounds 2022 April 29. 1300-1400 hrs.
79. 2022: CSI Effect and Testimony, National Association of Medical Examiners, 1.5 hrs., April 21 online
80. 2022 NJSP Crime Scene Investigation School. Forensic Archeology. Kimberly Morn. October 19. 90 min
81. 2022 NCJTC webinar: Putting the pieces together to prevent domestic violence – opening the closed doors. October 19.
82. 2022 DOJ CVIPI Implementing Community Based Violence Intervention Strategies webinar series. Promoting CVI Success: Meaningful Measures and Effective Communication. December 14. 1300-1500 hrs..
83. 2022 NAME Environment Factors in Death Investigation, Dr. Reade Quinton. December 15, 1600-1700 hrs..
84. 2023 AAFS Meeting. W16. Practical Cardiovascular pathology for Medical Examiners: Basic Concepts and Advanced Principle. February 14, Orlando FL. 7 hours.
85. 2023 AAFS Meeting. W7. The Seven Habits for Highly Effective Standards Development. February 14, Orlando. 3 hours.

86. 2023 AAFS 75th meeting conference attendance February 15-17. ~ 10 hours plus posters.
87. 2023 IACME Round Table: Mass Disaster Incident Responses. March 16. 1500-1600 hrs. 1 hour
88. 2023 NAME Postmortem Changes and Intervals. Webinar. March 16. 1600-1700 hrs. 1 hour.
89. 2023 NAME Forensic Neuropathology. Webinar. April 21. 1600-1700 hrs. 1 hour.
90. 2023 Conference on Crimes Against Women Conference, April 21-25. ~15 hours
91. 2023 NAME Deaths Due to Suicide. Webinar June 15. 1600-1700 hrs. 1 hour.
92. 2023 Godoy Webinars. Strangulation: Evaluating Evidence From a Medical Perspective. 1000-11000 hrs 1 hr
93. 2023 CSFRE What's Trending: NPS Discovery Webinar Series. 1100-1230 hrs 1/5 hrs
94. 2023 NAME Asphyxia Related Deaths. Webinar July 20, 1600-1700 hrs. 1 hr.
95. 2023 Godoy Medical Forensics, Inc. Evaluating Medical Records and Injuries. Webinar July 31, 1400-1500 hrs.
96. 2023 Conference on Crimes Against Children, August 6-10. Dallas, TX, Attended 90-minute presentations on search warrants for CSAM electronic device evidence, interviewing nonverbal and challenged children, pediatric strangulation physiology and signs/symptoms, the mind of sadists who target children, and more, for a total of more than 8 hours of training.

Diving Medical 2013 Diving Medicine Conference, Danbury Hospital April 6. 3.5 hrs. 2016: Diving Sciences Symposium, Undersea Hyperbaric Medical Society, May 10, Secaucus NJ – 5 hours 2020: Immersion Pulmonary Edema Webinar, TheDiverMedic July, 1 hr.

Diving

2013 NAUI Course Director Update Workshop December 7-8, 17 hours
 2015: NAUI Course Director Update 8 hrs.
 2019 NAUI Course Director Update 8 hrs.
 2020 Webinar PADI Member Forum 2020, 60 minutes 4-9-20