

STATE OF WISCONSIN : CIRCUIT COURT : MANITOWOC COUNTY

STATE OF WISCONSIN,)	
)	
Plaintiff,)	
)	Case No. 05-CF-381
v.)	
)	Honorable Judge Angela Sutkiewicz,
STEVEN A. AVERY,)	Judge Presiding
)	
Defendant.)	

AFFIDAVIT OF JOHN D. DeHAAN, Ph.D.

Now comes your affiant, John D. DeHaan, Ph.D., and under oath hereby states as follows:

1. I am of legal majority and can truthfully and competently testify to the matters contained herein based upon my personal knowledge. The factual statements herein are true and correct to the best of my knowledge, information, and belief. I am of sound mind and I am not taking any medication nor have I ingested any alcohol that would impair my memory of the facts stated in this affidavit.
2. I, John D. DeHaan, Ph.D., am currently an independent forensic scientist/fire consultant. A copy of my CV is attached as **Exhibit A** to this affidavit. In the course of my professional practice, I have been a forensic scientist/criminalist since 1970, having served with the Alameda County Sheriff's Department, California Department of Justice — Bureau of Forensic Services, and the U.S. Treasury Department — Bureau of Alcohol, Tobacco and Firearms. I have served as President of Fire-Ex Forensics, Inc. since its incorporation in January 1999. I have been involved with various aspects of fire and explosion investigation since 1971. In the past 12 years, I have testified as an expert witness in over 50 cases. Information about those cases is listed in Exhibit A. In



the past 30 years, I have authored a major textbook, co-authored one textbook, chapters in three textbooks, and over 30 articles; and the titles are listed in my CV, Exhibit A.

3. I have been retained by Kathleen T. Zellner & Associates, P.C., to review all of the available evidence in the above-captioned case — including trial testimony, police reports, maps, photographs, animated reconstructions, and forensic anthropology reports — pertaining to the circumstances surrounding the discovery of the skeletal remains of Teresa Halbach on the Avery salvage yard. A list of materials I reviewed is attached as **Exhibit B** to this affidavit.
4. All opinions expressed in this affidavit are based on review of the materials submitted to date and reliable published data, as well as extensive personal knowledge of laboratory analysis, fire dynamics, ignition processes, flame spread, fire growth, and fire and explosion indicators. They are expressed to a reasonable degree of scientific certainty based upon my expertise in the field of forensic fire and fire debris examination. If additional information becomes available that has a bearing on these conclusions, these conclusions will be amended or supplemented appropriately.

I. OVERVIEW OF THE SCENE

5. The Avery property is an approximately 40-acre, roughly square parcel in Manitowoc County, Wisconsin. It is situated south of Highway 147 about five miles east of I-43, just under ten miles northwest of Two Rivers, Wisconsin, and approximately 25 miles southeast of Green Bay, Wisconsin. The area surrounding the Avery property is rural, being primarily composed of farms and forests. On November 5, 2005, when law enforcement took the Avery property under its control, there were buildings used by the family business (“Avery’s Auto Salvage,” automobile salvage and wrecking) in

additional to multiple residences. The primary entrance to the Avery property was at its northeast corner, where Avery Road extended due north to Highway 147. In the northeast corner of the Avery property stood four business buildings, including a business office, garages, and storage space. Also in the northeast corner was the residence of Dolores and Alan Avery. A dirt lane ran from Avery Road southwest past the business office and garage and into the wrecked car yard, commonly called the "pit." Another dirt lane ran due south from Avery Road. Along this lane, south of the business office and garage, was Charles Avery's residence. This lane ultimately led into the pit in the area of a vehicle crusher situated on the eastern border of the property. A third dirt lane ran due west from Avery Road. At the end of this lane, in the northwest corner of the Avery property, were two residences situated approximately 65 yards apart. Each residence had a detached garage. Nearest the northwest corner of the property was Steven Avery's residence. To the east of Steven Avery's residence was Barb Janda's residence, which she shared with her four sons. In the southwest corner of the Avery property, there was a dirt lane that ran immediately adjacent to an old gravel conveyor. This lane connected the Avery property to the gravel pits to the south. Within the car pit area, there were numerous dirt lanes separating rows of wrecked vehicles.

6. There were at least seven burn barrels on the Avery property when it was taken under law enforcement control on November 5, 2005. Steven Avery had one burn barrel approximately 40 yards north east of his residence in a fallow field that bordered the Avery property to the north. There were four burn barrels situated in a cluster to the south of Barb Janda's residence. There was one burn barrel situated to the west of Dolores and Alan Avery's residence. There was one burn barrel situated to the west of

Charles Avery's residence. All seven burn barrels were reportedly regularly used to burn common garbage, e.g., from the kitchen or bathroom. The "burn pit" behind Steven Avery's garage was reportedly routinely used to burn household and automotive discards, trash, and animal remains.

7. The Avery property was bordered on its south and west sides by active gravel pits operated by Fred Radandt Sons, Inc. Several burn barrels of various sizes were observed within the Radandt pits. Manitowoc County operated a gravel pit to the south of the Radandt pits. The Manitowoc County pit did not border the Avery property.

II. DISCOVERY OF BONES IN STEVEN AVERY'S BURN PIT

8. There was a "burn pit" on the south end of a low gravel mound that extended south of Steven Avery's garage. The gravel mound was one to two feet in height and roughly circular in shape with a diameter of approximately 30 feet. (Items 19, 21, and 6:TT:2/28:16-17). The burn area was rectangular with a length of approximately six feet and had been dug out of the gravel mound down to native soil (TT:2/28:17). On November 8, 2005, Sgt. Jason Jost of the Manitowoc County Sheriff's Department observed what he suspected may be a vertebra on the grass outside the south edge of the "burn pit". (Items 8 (Report of Manitowoc County Sheriff's Department Sgt. Jost, 11/8/05, STATE 97, and 19, and TT:2/28:17)). When S/A Sturdivant confirmed it as bone, the "burn pit" was cordoned off to await forensic examination.
9. The burned remains of vehicle tires, unburned tires, various hand tools, and a vehicle's bench seat were recovered in the vicinity of the burn pit. (TT:2/28:14). Sgt. Jost observed the following items "in and around the area of the burn pile:" numerous wire rings (from tires), an unburned tire, a rubber mallet, claw hammer (fire damaged), a

gravel shovel, burned/charred metal scraper with a wooden handle, and burned vehicle bench seat. Apparently no examination was performed to establish if any trace evidence linked these items to the death of Ms. Halbach or the burning of her body.

10. The burned debris reportedly appeared to have formed a "hard crust", possibly as a result of the rain that had fallen in the area between Saturday, November 5, and Monday, November 7, 2005. (Item 11: Report of Calumet County Sheriff's Department Lt. Sippel, 11/8/05, STATE 1361-62). Around 3:00 p.m. on November 8, 2005, personnel from the Wisconsin State Crime Lab set up their sifting apparatus, which consisted of two sifting screens suspended under a tripod, all on top of a tarp to catch particles that passed through both screens. (TT:2/19:51-52). Crime lab personnel lifted the burn pit material using hand trowels and a square-nosed shovel and dry sifted it over a tarp. (Item 7:TT:2/19:52-54). No forensic anthropologist was present for the excavation of the burn pit. Crime lab personnel, untrained in anthropology, visually examined potential skeletal fragments to determine their evidentiary value. (TT:2/19:53, 123). There was no effort to document from where in the burn pit certain bones were recovered or otherwise document the order with which bones were situated in the burn pit. The crime lab personnel excavating the burn pit placed items of potential evidentiary value in a single box (Tag #8318) and sent it to Dr. Leslie Eisenberg for off-site examination. (TT:2/19:128). The tarp was folded up and later examined in the lab (as Tag #7923)
11. On November 10, 2005, personnel from the Wisconsin Department of Justice (DCI) returned to the Avery property and further excavated the burn pit area. Again there was no forensic anthropologist called to the scene to conduct this secondary excavation. The

burn pit was first excavated by hand (TT:3/7:18), then dug out using “Bobcat” type, front-loading tractors. (TT:3/7:75, photos, Item 26). During the process of excavation, some apparent bone fragments were observed among steel wires that resulted from burned tires. (TT:3/7:19-20). Items of potential evidentiary value were collected and sent to Dr. Leslie Eisenberg for off-site forensic examination.

III. DR. LESLIE EISENBERG’S EXAMINATION OF BONE FRAGMENTS

12. The suspected bones and teeth were examined over a period of weeks by forensic anthropologist Leslie Eisenberg, Ph.D. Based upon her examination, she concluded that the numerous human bone fragments recovered were most probably from an adult female less than 30-35 years of age. (Items 1-4, TT:2/28:137-38). Due to patterns of damage to several fragments of skull and minute metal fragments, Dr Eisenberg concluded that the victim had been shot in the head. (TT:2/28:164-66; TT:3/14:104). She also concluded that a number of the bone fragments (in Tag #7964 and Tag #8675 (suspected human)) showed evidence of crushing or cutting with a tool (per Item 4)
13. The fragmentary skeletal remains examined by Dr. Eisenberg constituted only an estimated fraction (from 40 to 60 percent) of the total mass of expected skeletal remains from a person of Teresa Halbach’s size. (TT: 2/28:226).
14. Dr. Eisenberg determined that the defects observed in cranial fragments from Steven Avery’s burn pit, which were linked to gunshot wounds through the examination of radiopaque particles observed in radiographs, were created before the burning event. (TT:2/28:165).
15. Dr. Eisenberg was unable to determine with any certainty whether the bone fragments in Tag #8675, which appeared to be from a pelvis, were human in origin. However, Dr.

Eisenberg testified that these bone fragments were burned and calcined to the same degree as the bones recovered from Steven Avery's burn pit. (TT:3/1:10, 27). Further, Dr. Eisenberg identified that two bones recovered from the Manitowoc County gravel pit were still articulated, that is, they had maintained either anatomical continuity. (TT:3/1:26).

IV. Dr. DeHAAN'S ANALYSIS

16. It is my opinion that the documentation, examination, and recovery of the remains at the Avery scene were all below acceptable professional standards of practice. A properly conducted recovery would have involved more comprehensive photography of the burned bones in the "burn pit" and better documentation as to from where and when all bones were recovered. It is my opinion that someone better qualified to recover potential human remains should have been summoned to perform this excavation. There were incomplete and confusing descriptions of where various possible "burn barrels" were located with incomplete numbering and chain of custody. The critical first excavation and recovery (on 8 Nov 2005) was rushed and, when darkness fell, aided only by flashlights.
17. The appearance of the remains as found is often critical to the reconstruction of a fatal event or the destruction of a body. In this case, the minimal photographs taken before the excavation revealed very little useful information as there were few close-up photos taken before or during the recovery/excavation process. In the pre-excavation overall photos, the area of interest was largely obscured by the shadows cast by the team of investigators standing nearby. In the few photographs of the "burn pit", there appeared to be numerous dried leaves that obscured nearly all identifiable detail of the material

below (Item 27). From Sgt. Jost's and Wisconsin DOJ Special Agent Sturdivant's descriptions, it appeared that the remains showed no anatomical relationship to each other. Some remains were found outside the "burn pit" and no large bones (more resistant to fire) were visible at all. There was not sufficient pre-excavation documentation of the condition of the materials in the pit to establish the sequence or time of deposit of the remains ultimately recovered from the "burn pit". There was no assessment of fuels associated with the fire, other than describing the remains of the steel belts and beading of burned vehicle tires.

18. The undersigned has had extensive experience with the combustion of human and animal remains under controlled conditions, both as part of enquiries related to active casework and as an instructor in the Forensic Fire Death Investigation Course (FFDIC) presented annually by the SLOFIST fire investigation group since 2008. I have had the opportunity to see some 50 or more unembalmed adult, human cadavers exposed to a variety of real-world fires. These range from "accidental" kitchen fires, to whole room, post-flashover structure fires, to trench- and "roadside" body disposals, to vehicle fires to dumpster and burn barrel disposals. Two of the primary instructors are forensic anthropologists Dr. Allison Galloway from the University of California –Santa Cruz and Dr Elayne Pope from the Virginia State Medical Examiner's Office. We all assist in the preparation of the "demonstration" fires set as practical exercises for the students, observe the fires, and document the results (and the investigations/recoveries conducted by the student teams).

19. As described in *Kirk's Fire Investigation*, (*Kirk's Fire Investigation*, 7th ed., J.D. DeHaan and D.J. Icove, Pearson/Brady Publishing, 2012, pp619-631) destruction of a

human body by fire is a progressive process. Upon first sustained exposure to fire, the skin shrinks, chars and splits, exposing the subcutaneous fat. The fat renders out to support a flaming fire adjacent to the body. The muscle tissues dehydrate, char, and burn (reluctantly). Bones are a composite of minerals and organics (fat, nerves, and collagen). The organic components dehydrate, char, and burn off if exposed to sufficient external heat. The mineral component (of both the dense cortical bone (hard outer layers) and the spongy (cancellous or trabecular) structures within) then decompose by dehydration of the minerals, a process called calcination. Extreme exposure to fire results in loss of mechanical strength. Calcined bones are usually white, blue-white, or light grey in color and are friable (brittle), and are easily broken or shattered by contact or pressure. Under some conditions, the mineral residues can harden or vitrify into a ceramic-like mass retaining the shape of the original bone.

20. Many of the bone fragments shown in Dr. Eisenberg's forensic anthropology photographs (Item 20C and 20E) appear to be coated with a yellow or tan soil or dust. Dr. Eisenberg reported that she rinsed some of the recovered bone fragments to allow detailed examination. The bone fragments shown in Dr. Eisenberg's forensic anthropology photos largely consisted of fragments 1-4cm in length (0.4 to 2"). Many were completely calcined with no charring of organic tissue visible. Others bore charred residues of organic material in the cancellous or spongy structure within. Such damage can be induced by exposure to an open-air fire of ordinary combustibles for six to eight hours or for shorter times (three to four hours) in a well-ventilated fire in a metal enclosure such as a burn barrel or automobile trunk.

Burn Barrel Destruction of Adult Human Bones

21. Based on the author's experience in exposing adult human cadavers to a variety of fire conditions, it was observed that a metal enclosure confines the flames to maximize their exposure to the body, reflects heat from the fire onto the target within, and generates radiant heat as the metal itself heats, adding to the total heat flux during the combustion of the body. It is this combined heat flux that occurs within a commercial crematorium, where the radiant heat from the firebrick lining and the sustained uniform flame contact from gas burners bring about full cremation of an adult human body in two and one half hours or less. In open-air "field" cremations, exposure to the flames is not uniform, there is minimal additional radiant heat, and charred masses of soft tissue will survive even a prolonged fire, particularly around the head or lower torso. Bodies that burn undisturbed will often demonstrate areas of less-burned tissue that has been somewhat protected by contact with the ground or confining vessel for the duration of the fire.
22. The heat output of a fire largely fueled by an adult human body is limited (estimated to be on the order of that of an office wastebasket fire). The more massive tissues and bones require a larger, more sustained fire to be consumed (or calcined). This can be accomplished with the inclusion of a vehicle tire because it will burn energetically for extended periods of time. If a body is allowed to burn undisturbed to completion in either an enclosure or a well-fueled and ventilated fire, the larger bones will retain their relative anatomical position – head, neck, shoulders, upper arms (humerus), spine, hips (pelvis), upper legs (femurs). The process of stoking a fire with additional lumber or stirring with an implement during its active burning will cause the mechanical destruction of the bones as they are calcined by the flames and often, considerable

displacement. The larger bone masses (hip joints, shoulder blades, base of skull at the spine) will remain mostly intact even after stoking an extended cremation of an adult body. The appearance, size, and type of bone fragments documented in Dr. Eisenberg's forensic anthropology reports and photographs exactly mirror the fragments recovered after burn-barrel cremations involving frequent stirring and stoking observed by this author. Such destruction was observed in wood-fueled, burn barrel cremations as short as three and one half hours. (See photos, **Exhibit C**). In one recent case investigation, the accused described stoking a large, wood-fueled "pyre" with numerous adult human bodies for some 15 hours, then crushing most of the bones with rocks or wood clubs, and then removing the larger, more identifiable body parts that survived for disposal in the river. The hundreds of small fragments that were recovered from the burn site were very similar in size, shape, and condition to the fragments in Dr. Eisenberg's forensic anthropology photos in this case. Note this involved no confinement except for the wood fuel and was accomplished over a span of 15 hours in an open-air burning pit.

Electronic Components From Steven Avery's Burn Barrel Exposed to Moderate Fire

23. Trial Exhibits 405-413 consist of photos of partially burned Motorola cell phone components and photos of an exemplar device. The components do appear to be from the same model cell phone. The burned components were exposed to a moderate fire that has scorched and melted the plastic surfaces, possibly from an ordinary combustible fire fueled by paper and/or cardboard.

Burn Barrel versus Open Burn Pit: Required Duration of Burning

24. It is the opinion of the undersigned that the human remains recovered and examined by Dr. Eisenberg were physically entirely consistent with cremation of an adult human

body in a “field” cremation involving a sustained and re-stoked fire for an extended period of time. In tests conducted as part of FFDIC exercises, open field (roadside dump) fires on flat ground, it was observed that the more massive portions of the adult anatomy (base of the skull, shoulders, pelvis) were charred but were not reduced to calcined bone fragments in fires lasting 4-7 hours, but they did retain their anatomical relationship unless mechanically stirred during the fire. The duration of the fire necessary would depend on whether the fire was in the open (like the shallow “burn pit” suggested by the investigators) or in a well-ventilated metal vessel such as a large drum. Such destruction has been seen to be accomplished in as little as three and one half hours in a well-ventilated, well-tended 55 gallon steel drum with wood fuel. Similar destruction in an open pit would require much more time, on the order of six hours or more.

Teresa Halbach's Body Was Not Burned In the Burn Pit Behind Steven Avery's Garage

25. It is further my opinion that the body was not burned in the “burn pit”. This is based on the reported lack of anatomical continuity of the remains, the findings of similarly charred/calcined fragments in burn barrels and other locations on the property, and the absence of the more massive fragments that normally resist such exposure. I disagree with Dr. Eisenberg’s opinion that the main destruction of the body took place in that “pit” based merely on the amounts of remains recovered from the pit compared to the small fragments found elsewhere in two locations (one being a burn barrel from behind Barb Janda’s residence and the other, a burn site in the Manitowoc County gravel pit (Evidence Tag No. 8675)). On this issue, I agree with Dr. Fairgrieve’s testimony (Item #5) that the location where most of the burned remains are found is not in itself proof of

the location of the fire that destroyed the body. I have observed transfers of heavily burned remains under a variety of conditions that resulted in the largest amount of the fragmentary remains being transferred to another location (with the loss of anatomical relationships). As stated above, the reported lack of anatomical continuity of the human bones recovered from Steven Avery's burn pit indicates that Teresa Halbach's body was not burned there. Therefore, it is my opinion that someone transferred Teresa Halbach's bones to Steven Avery's burn pit. The discovery of larger fragments outside the margins of the burn pit (Tag #7942, 7943, 7944, 7947, and 7948, per DCI evidence list, Item 31) and the finding of human bone fragments with similar degrees of fire damage in numerous other areas (including burn barrels on site) is also consistent with the "dumping" of burned remains into the pit, with some rolling away. I have observed the survival of numerous calcined small bones after being dumped from a burn barrel or similar enclosure onto a tarp or examination table. It should be noted that there were numerous steel vessels on the salvage yard and surrounding properties that could have been used to burn a human body. These were not examined. The wood-fueled boiler and smelter were examined by S/A Pevytoe and no residues were detected there

V. THE STATE'S THEORY OF THE BURNING IS INCORRECT

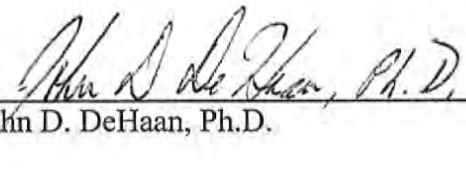
26. From my review of documents provided to me, the State represented to the jury that Ms. Halbach's body was burned in an open-air burn pit behind Steven Avery's garage from around 7:00 p.m. to 11:00 p.m. on October 31, 2005, a period of only four hours. (Item 28 :TT:3/14:94-95). Based upon my review of the descriptions and photographs of the bone fragments analyzed by Dr. Eisenberg, the State's theory is not supported by the physical evidence. As described above, burning a body in an open-air burn pit takes six

to eight hours to accomplish thermal destruction to the degree I observed in Dr. Eisenberg's reports and photos. It is my opinion that the burned bones found in Steven Avery's burn pit could not have been burned to the degree I observed after four hours of burning in an open-air pit like the one behind Steven Avery's garage.

27. It is my opinion that the State's theory was also incorrect in its assertion that the burned vehicle bench seat was used to fuel the burning of Ms. Halbach's body. (TT:3/14:98). The burned remains of the bench seat were not found in the burn pit but near it. Its involvement as an external fuel to aid the combustion of a body in the burn pit is speculative and unsupported by any documents I have reviewed.
28. It is my opinion that the State's theory was also incorrect in its assertion that burned bones were intertwined with metal belts resulting from the burning of tires with the body. (Item 28: TT:3/14:99). The State represented to the jury that the bones were fused with the metal belts in a manner that suggested that the tires from which the steel belts came were burned with the body in Mr. Avery's burn pit. Based upon my review of photographs taken on November 8, 2005 and November 10, 2005, on the occasion of the second excavation of Steven Avery's burn pit, the bone fragments appear to simply be mixed among the metal belts. I have had personal experience with burning steel-belted automobile tires in combination with human bodies. During fire exposure, the steel multi-strand wires degrade, break, and fray to form bristles that readily trap any material coming into contact with them, during or after the fire. Small calcined bone fragments are especially easy to trap. This has been observed in test fires where the tires were under or alongside a burned body as well as on top. It should be noted that S/A Sturdivant noted (Item 19) that the guard dog's lead was sufficiently long to give him access to at least

some of the burn pit. A quantity of the tire wires/belting was observed to be tangled in the dog's lead at one point. The recovery of "Item 7946: Co-mingled metal, battery jumper cables and dog leash, recovered adjacent to the burn pit" (In Item #31, STATE 0931) appears to confirm that. Dragging the tire remains across the burned debris fragments after the fire would result in the accumulation of fragments in the wire. The "burn pit" may have been used previously to dispose of tires (and the oily, black residue described by S/A Pevytoe as lining the pit in his excavation of 10 Nov 2005 would support that), so there was no evidence that the entrapment of the debris occurred during the fire that consumed the remains. From my review of these photographs and reports generated by law enforcement agents at the scene and Dr. Eisenberg in later examinations, there is nothing to suggest that the tires were, in fact, burned with the human bones recovered in Steven Avery's burn pit in the manner described by the State.

FURTHER AFFIANT SAYETH NAUGHT



John D. DeHaan, Ph.D.

Subscribed and sworn before me
this 25 day of MAY, 2017.

See call forms attached.
Notary Public

CALIFORNIA JURAT WITH AFFIANT STATEMENT

GOVERNMENT CODE § 8202

- See Attached Document (Notary to cross out lines 1-6 below)
- See Statement Below (Lines 1-6 to be completed only by document signer[s], *not* Notary)

1 _____

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Signature of Document Signer No. 1

Signature of Document Signer No. 2 (if any)

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
 County of SOLANO

Subscribed and sworn to (or affirmed) before me
 on this 25 day of MAY, 2017,
 by Date Month Year

(1) JOHN DAVID DEWAN

(and ~~(2)~~ _____),
Name(s) of Signer(s)

proved to me on the basis of satisfactory evidence
 to be the person(s) who appeared before me.



Signature [Signature]
Signature of Notary Public

Seal
 Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Affidavit Avery Document Date: 05-25-2017

Number of Pages: 1 Signer(s)/Other Than Named Above: _____

Curriculum Vitae

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE
President, Fire-Ex Forensics, Inc.
3505 Sonoma Blvd., #20, PMB 314
Vallejo, California 94590

Education:

- B.S. University of Illinois – Chicago Circle, 1969
Major – Physics
Minor – Criminalistics
- Ph.D. University of Strathclyde, Glasgow, Scotland, 1995
Pure and Applied Chemistry – Forensic Science

Experience:

- Alameda County Sheriff's Department, Pleasanton, California. Criminalist, 1970 – 1974. (Expertise in trace evidence, firearms and photography)
- California Department of Justice, Sacramento, California. Criminalist III, 1974 – 1983. (Expertise in arson, explosives, trace evidence, impression evidence)
- United States Department of the Treasury, Bureau of Alcohol, Tobacco and Firearms, San Francisco Laboratory Center, San Francisco, California. Physical Scientist, 1983 – 1987. (Expertise in explosives, devices, fire and arson)
- California Department of Justice, California Criminalistics Institute, Sacramento, California. Program Manager, 1987 – 1998. (Responsible for professional training in fire debris, explosive residues, fire and explosion investigation, and latent fingerprint techniques, plus special case consultations)
- University of New Haven, Master's in Forensic Science (California Campus). Practitioner in Residence (Fire Science), 1997 – 2000.
- Engineering & Fire Investigations (EFI), Roseville, California. Consultant (1999 to 2001).
- University of California – Davis, Master's in Forensic Science. Lecturer (2001 to 2007).



Curriculum Vitae, John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

Fire-Ex Forensics, Inc. President, 1999 to date. Consulting in investigation and reconstruction of fires and explosions.

Publications and Papers:

See Appendix 1

Special Training and Classes Received:

Arson and Bomb Investigation (ATF), 1971 and 1975
Organic Chemistry (California State University – Hayward), 1972
Pharmacology (University of California, Berkeley), 1972
Advanced Blood Grouping (UCB), 1972, (California Department of Justice), 1974
Questioned Documents (UCB), 1973
Advanced Firearms and Toolmark Examination (Calif. DoJ), 1974
Forensic Geology and Soils (UCB), 1976
Firearms (San Mateo County, California, Sheriff's Office), 1976
Forensic Pathology (Calif. DoJ), 1976
Forensic Laboratory Instrumentation Course (Calif. DoJ), 1977
Evaluating Training (U. S. Government OPM), 1979
Arson Fraud Investigation (Yolo County, California), 1983
Courtroom Testimony (United States Department of the Treasury, Bureau of Alcohol, Tobacco and Firearms, BATF), 1983
National Response Team (BATF), 1984
Fire Investigation Ia/Ib (Solano Community College, California), 1988
Fire Instructor (Calif. Fire Services Training & Education System), 1987-89
Fire Science and Fire Investigation (University of Edinburgh, Scotland), 1993
Mass Spectra – Theory and Interpretation (Calif. DoJ – CCI), 1996
Advanced Fire Debris Analysis (Calif. DoJ – CCI, audit), 1997
Interpretation of Gas and Electric Appliance Fires (Fire Findings), 1997
Organic Chemistry for Fire Debris Analysts (National Center for Forensic Sciences, Tallahassee, Florida), 2000
Fire Dynamics and Smoke Control (U.C. Davis Extension), 2003
Automatic Sprinkler Systems (U.C. Davis Extension), 2003
Special Hazard Suppression Systems (U.C. Davis Extension), 2004
Investigating Natural Gas Related Fires and Explosions (Nevada Chapter IAAI), 2004
Forensic Assessment of Vehicle Fires (CAC), 2004
Wildland Fire Observations and Origin Scene Protection for First Responders (NWCG:FI110) (University of Tennessee), 2006
Wildland Fire Origin and Cause Determination (NWCG:FI210) (U.S. Forest Service, San Diego, CA), 2006
Fire Alarm and Detection Systems (U.C. Davis Extension), 2007, 30 hrs.
Principles of Electrical Fires, F&M, San Francisco, CA, 2009, 16 hrs.

Curriculum Vitae, John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

Steam Engineering and Operations Safety Class, Willits, CA, 2010, 16 hrs., tested
Digital Fire Scene Photography, CCAI, San Luis Obispo, CA, 2010, 6 hrs., not tested
How Fire Testing is used in Codes and Regulations, San Francisco, CA, 2011, 8 hrs.

(See Also Appendix 3)

Lectures and Courses Taught:

See Appendix 2

Conferences, Seminars and Special Events:

See Appendix 3

Diplomas, Certifications:

Certificate in Criminalistics (California Association of Criminalists), 1989
Diplomate in Criminalistics (American Board of Criminalistics), 1993
Fellow – Fire Debris Analysis (American Board of Criminalistics), 1994 to date
Fellow (Chartered Society of Forensic Sciences (U.K.)), 2007 to date
Diploma – Fire Investigation (Chartered Society of Forensic Sciences (U.K.)), 1993,
1998, 2003, 2008, 2013 (expires 2018)
Diploma – Fire Investigation (Institution of Fire Engineers), 1993
Fire Service Instructor – Fire Investigation (CFSTES), 1989
California Community College Teaching Credential (Police Science), Lifetime
Certificate
Certified Fire Investigator (International Association of Arson Investigators), 2003,
2008, 2013 (expires 2018)
Certified Fire and Explosion Investigator (National Association of Fire
Investigators), 2006 renewed 2011 (expires 2016)
Certified Instructor (International Association of Arson Investigators) 2013 – date

Awards:

Distinguished Member Award (California Association of Criminalists), 1994
P. W. Allen Award (Chartered Society of Forensic Sciences (U.K.)), 2000
Alfred Biasotti Award (Best Paper) (California Association of Criminalists), 2000
Paul L. Kirk Award (American Academy of Forensic Sciences – Criminalistics
Section), 2003
Alfred Biasotti Award (Best Paper) (California Association of Criminalists), 2004
W. Jack Cadman Award (California Association of Criminalists), 2008

Curriculum Vitae, John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

Memberships:

California Association of Criminalists, 1971 to date
Member: Certification Committee, 1977-78
North Area Regional Director, 1978-79
Secretary, 1980-82
President Elect, 1982-83
President, 1983-84
Past President, 1984-85
Chair: Founders Lecture Committee, 1987 to date

American Academy of Forensic Sciences, 1972 to 2015
Member: 1972-75
Fellow: 1975 to 2015
Program Co-Chair: Criminalistics Section, 2002-3
Program Chair: Criminalistics Section, 2003-4
Secretary: Criminalistics Section, 2004-5
Chair: Criminalistics Section, 2005-6

International Association of Forensic Sciences, 1972 to date

International Association of Arson Investigators, 1980 to date
Member: Forensic Science and Engineering Committees
Made honorary member of IAAI-U.K. Chapter and IAAI-New South Wales Chapter for recognition of long-standing encouragement for IAAI membership in their groups (2003)

Pan-American Association of Forensic Sciences, 1982 to date (President, First Inter-American Congress of Forensic Sciences, 1982)

Institution of Fire Engineers (Fellow)

National Fire Protection Association (Member)
Fire Investigation 921 Committee, 1991-99

American Society for Testing and Materials (Forensic Science E30 Committee)

International Association of Fire Safety Sciences, 1992 to date

Technical Working Group on Fire and Explosives (Founding Member), Executive Committee, 2000 to 2008

Associate Member International Association of Bomb Technicians and Investigators (2010 to date)

Associate Member Institute of Explosive Engineers (U.K.) (2012 to date)

Chartered Society of Forensic Sciences (U.K.) (Fellow; 2007 to date)

Member, Editorial Review Board:

Journal of Forensic Sciences (1990 – 2014)
Science and Justice (2010 – 2014)

Curriculum Vitae, John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

General Laboratory and Court Experience:

Conducted analyses on evidence from an estimated 2,000 criminalistics cases involving human and animal hair, fibers, soil, glass, paint, blood, accelerants, fires, explosives, firearms, mechanical failures, impression evidence and crime scene reconstruction, and fingerprint identification. Accepted as an expert witness on various types of evidence in over 300 cases in over 22 counties in California and Nevada, and in U.S. state and federal criminal and civil courts in Alaska, Arizona, California, Colorado, Florida, Georgia, Idaho, Illinois, Iowa, Kansas, Louisiana, Michigan, New Jersey, Oregon, Texas, Virginia, Washington and Wisconsin, as well as internationally in Australia, Canada, New Zealand, and the United Kingdom.

Depositions:

See Appendix 4

Court Testimony:

See Appendix 5

Appendix 1: Publications and Papers, 1973 – 2015

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

- “Some Forensic Applications of Thermal Analysis”, J. D. DeHaan, *Internatl. Mic. J. Leg. Med.*, Vol. 8, No. 1, 1973 (Sixth International Meeting of Forensic Sciences, Sept. 1972)
- “A Multi – Purpose Thermal Analysis System”, J. D. DeHaan and J. M. Rynearson, *MPI Applications Notes*, Vol. VIII, No. 3, 1973, McKee-Pedersen Instruments, Danville, CA
- “Logarithmic Gas Chromatography”, J. D. DeHaan, *MPI Applications Notes*, Vol. IX, No. 1, 1974, MPI, Danville, CA
- “Thermal Analysis Resource Manual”, J. D. DeHaan, California Department of Justice, 1974
- “Quantitative Differential Thermal Analysis of Nitrocellulose Propellants”, J. D. DeHaan, *J. For. Sci.*, Vol. 20, No. 2, 1975
- “A Survey of Men’s Footwear”, R. J. Davis and J. D. DeHaan, *J. For. Sci.*, Vol. 17, pp. 271-285, 1977
- “Laboratory Aspects of Arson: Accelerants, Devices and Targets”, J. D. DeHaan, *Fire & Arson Investigator*, Vol. 29, No. 3, Jan. – Mar. 1979
- “Role of Forensic Science in Arson Investigation”, J. D. DeHaan, *Arson Analysis Newsletter*, Vol. 3, No. 2, 1979
- “Laboratory Aspects of Arson Reconstruction”, Calif. Conf. of Arson Invest., June 1980
- “Animal Abuse – How to Collect and Preserve Physical Evidence”, J. D. DeHaan, *Mod. Vet. Practice*, Feb. 1980
- “Arson and Forensic Science”, Chapter 13 of *Arson Prosecution*, Calif. District Attorneys Association, Sacramento, CA, 1980
- “Arson Evidence”, Chapter of *CDAА Arson Trial Procedure Manual*, Sacramento, CA, 1980
- “Evaluation of Kapak Plastic Pouches”, J. D. DeHaan and F. A. Skalsky, *Arson Analysis Newsletter*, 1981
- “A Low-Cost Information Retrieval System”, presented at California Association of Criminalists Fall Seminar, Yosemite, CA, Nov. 1980
- “Homicide With a Black Powder Handgun”, presented at CAC Fall Seminar, Lake Tahoe, CA, November 1981. Published in *Journal of Forensic Sciences*, Apr. 1983
- “A Non-Automated Information System”, Laurie Rawlinson and J. D. DeHaan, presented at the First Inter-American Congress of Forensic Science, Sacramento, CA, Nov. 1982

Appendix 1: Publications and Papers, 1973 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

- “Training of Arson Investigators”, presented at the American Academy of Forensic Sciences, Orlando, FL, 1982, (published as letter to the editor, *Journal of Forensic Sciences*, Oct. 1983)
- Kirk's Fire Investigation*, 2nd Ed., J. D. DeHaan, John Wiley and Sons, N.Y., 1983
- “The St. Valentine's Day Massacre”, presented at the American Academy of Forensic Sciences, Cincinnati, OH, Feb. 1983
- “The Evidential Value of Some Fire Diagnostic Signs”, presented at the 10th International Association of Forensic Sciences Meeting, Oxford, England, Sept. 1984
- “A Forensic What?”, Vortex, American Chemical Society – Northern California Chapter, 1985
- “Determining the Point of Origin – Diagnostic Signs and Laboratory Analysis”, *Fire & Arson Investigator*, Vol. 36, No. 4, June 1986
- “The Great Chicago Fire of 1871 – A Cause and Origin Investigation”, presented at the American Academy of Forensic Sciences, San Diego, CA, Feb. 1987
- “The Physical Evidence of Fire Behavior”, presented at the American Academy of Forensic Sciences, San Diego, CA, Feb. 1987
- “The DuPont Hotel Fire Disaster – The ATF Laboratory Role”, presented at Pan-American Association of Forensic Sciences, Wichita, KS, Aug. 1987
- “Bomb Evidence in Wounds and Clothing”, presented at Pan-American Association of Forensic Sciences, Wichita, KS, Aug. 1987
- “Bombing in America – Cases and Trends”, R. A. Strobel, J. D. DeHaan, and R. E. Tontarski, presented at the 11th IAFS meeting, Vancouver, Canada, Aug. 1987
- “Are Localized Burns Proof of Flammable Liquid Accelerants?”, *Fire & Arson Investigator*, Vol. 38, No. 1, Sept. 1987
- “Training of Arson Investigators and the Changing Role of the Laboratory”, presented at the 11th IAFS meeting, Vancouver, Canada, Aug. 1987
- “Bomb and Explosion Investigations”, J. D. DeHaan and W. R. Dietz, presented at the National Association of Medical Examiners, San Francisco, CA, Sept. 1987
- “From Flame to Flashover – Fire Propagation in Structures”, presented at the 10th Annual Australian International Forensic Science Symposium, Brisbane, Australia, 1988
- “After the Blast – Analysis, Interpretation and Reconstruction”, presented at IAAI – NSW Chapter, Sydney, Australia, May 1988
- “Fire Scene Interpretation”, presented at the IAAI – NSW Chapter, Sydney, Australia, May 1988

Appendix 1: Publications and Papers, 1973 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

- “The Critical State of Lab Services in Arson and Bomb Cases”, presented at Symposium IV, California State Fire Marshal, May 1989
- “Quality Control of Fire Scene Investigations”, *Fire & Arson Investigator*, Feb. 1990
- “Arson – A Problem of Attitudes”, presented at IACP – Bomb & Arson Committee, Chicago, IL, May 1990
- “What Do You Mean – The Lab Report is Negative?”, presented at the IAAI – NSW Chapter, Sydney, Australia, Oct. 1990
- “The Effects of the Fire Environment on Physical Evidence”, presented at the IAAI – NSW Chapter, Sydney, Australia, Oct. 1990
- “Evaporation Rates of Volatile Hydrocarbon Accelerants”, J. D. DeHaan and A. R. Greenfield, presented at the AAFS meeting, New Orleans, LA, Feb. 1991
- Kirk’s Fire Investigation*, 3rd Ed., J. D. DeHaan, Brady Publishing, New Jersey, 1991
- “Fire-Fatal Intensity: A Third View of the Lime Street Fire”, *Fire & Arson Investigator*, Vol. 43, No. 1, Sept. 1992, pp. 55-59
- “Spontaneous Ignition – Mechanism and Investigation”, presented at the New York State Fire Seminar, Montour Falls, NY, Nov. 1992
- “Gas Chromatography of Arson and Explosives Analysis”, co-author with Mary Lou Fultz, Ph.D., in *Gas Chromatography in Forensic Science*, Ian Tebbett, Ed., Ellis Horwood Publ., Chichester, U.K., 1992
- “Combustion Explosions – Whoosh, Thump or Bang?”, presented at the 44th IAAI Annual Seminar, Auckland, NZ, May 1993
- “Vacuum Metal Deposition and Cyanoacrylate Detection of Older Latent Prints”, co-author with Nancy E. Masters, presented at the International Symposium on Fingerprints, Quantico, VA, May 1993. Published in *Journal of Forensic Identification*, 1996
- “CCAI Vehicle Fire Tests: A Photographic Report”, R. K. Marley and J. D. DeHaan, Jan. 1994
- “Canine Accelerant Detection: Validation and Certification”, *CAC News*, July 1994. Presented at CAC Spring Seminar, Oakland, CA, May 1994 (Voted best paper)
- “From Alchemy to Mass Spectrometry”, *CCAI Fire Investigator*, Summer 1994. Presented at CAC Spring Seminar, Oakland, CA, May 1994
- “The Dynamics of Flash Fires Involving Flammable Hydrocarbon Liquids”, *Am. J. of For. Med. & Path.*, Mar. 1996
- “Spontaneous Ignition – What Really Happens?”, *Fire & Arson Investigator*, Vol. 46, Nos. 3 & 4, Mar. and June 1996

Appendix 1: Publications and Papers, 1973 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

- “Reconstruction of Fires Involving Highly Flammable Hydrocarbon Liquids”, Ph.D. Thesis, University of Strathclyde, Glasgow, Scotland, Apr. 1995 (published through University Microfilms, Inc., Ann Arbor, MI, 1996)
- “A Case of Not-So-Spontaneous Human Combustion”, *Fire & Arson Investigator*, Vol. 47, No. 4, June 1997
- “Combustion Explosions Involving Household Aerosol Products”, co-author with W. A. Howard, Presented at International Conference of Fire Safety, Millbrae, CA, Jan. 1995. Published in *Fire & Arson Investigator*, Vol. 48, No. 1, Sept. 1997
- Kirk’s Fire Investigation*, 4th Ed., J. D. DeHaan, Brady Publishing, New Jersey, 1997
- “Canine Accelerant Detectors and Problems with Carpet Pyrolysis Products;”, co-author with D.J. Tranthim-Fryer, *Science & Justice*, 1997
- “The Combustion of Animal Fat and Its Implications for the Combustion of Human Bodies in Fires”, J.D. DeHaan, S.J. Campbell, and S. Nurbakhsh, *Science & Justice*, Jan. 1999
- “The Influence of Temperature, Pool Size, and Substrate on the Evaporation Rates of Flammable Liquids”, published in the *Proceedings of InterFlam 99*, Interscience, Greenwich, U.K. Presented at InterFlam, Edinburgh, Scotland, June 1999
- “The Challenge of Fire Investigation”, *Arson Prevention Bulletin*, London, Aug. 1999. Presented at InterFlam (keynote address), Edinburgh, Scotland, June 1999
- “Sustained Combustion of an Animal Carcass”, presented at IAFS, UCLA, Aug. 1999
- “Deflagrations of Heavier-than-Air Vapor Mixtures”, presented at IAFS, UCLA, Aug. 1999
- “Deflagration of Stratified Heavier-than-Air Vapor Mixtures”, presented at SFPE, Chicago, IL, Oct. 1999
- “Our Changing World of Fires and Fuels”, presented at Australia-New Zealand Forensic Science Society, Mar. 2000
- “Cubicle Fires (1996-98),” presented at CAC Spring Seminar, Napa, CA, May 2000 (voted best paper – Alfred Biasotti Award)
- “Overhauling for Successful Fire Investigation”, Mark Wallace and John DeHaan, *Fire Engineering*, Dec. 2000
- Editor: *Fire & Arson Scene Evidence: A Guide for Public Safety Personnel*, NIJ, 2000
- “Full-Scale Compartment Fire Tests”, *CAC News*, Second Quarter 2001
- “Deflagrations Involving Stratified Heavier-than-Air Vapor/Air Mixtures”, John DeHaan, Martin Shipp, David Hoare, et al., *Fire Safety Journal*, Sept. 2001

Appendix 1: Publications and Papers, 1973 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

- “Sustained Combustion of an Animal Carcass and its Implications for the Consumption of Human Bodies in Fires”, J. D. DeHaan and S. Nurbakhsh, *Journal of Forensic Sciences*, Sept. 2001
- “Our Changing World: Part 1 – Furnishings” and “Part 2 – Ignitable Liquids: Petroleum Distillates, Petroleum Products, and Other Stuff”, *The Fire Place*, Washington State Chapter IAAI, June – Aug. 2001. “Part 3 – Detection Limits – Is More Sensitive Necessarily More Better?” and “Part 4 – A Matter of Time”, Sept. – Nov. 2001. “Part 5 – The Candle Threat”, Sept. – Dec. 2002. Also in *Fire & Arson Investigator*, Vol. 51, No. 2, Jan. 2002 (Part 1); Vol. 52, No. 3, Apr. 2003 (Part 2); and Vol. 52, No. 4, July 2002 (Parts 3 and 4); Vol. 53, No. 2, Jan. 2003 (Part 5)
- Kirk's Fire Investigation*, 5th Ed., J. D. DeHaan, Brady Publishing, New Jersey, 2002
- Kirk's Fire Investigation Instructor's Manual*, John DeHaan, David Icove and Carolyn Blocher, Brady Publishing, New Jersey, 2002
- “Fire Investigations and the Forensic Lab”, *CAC News*, Fourth Quarter 2002
- “Reconstruction of a Fatal Fire in a Parked Motor Vehicle”, J. D. DeHaan and F. L. Fisher, *Fire & Arson Investigator*, Jan. 2003
- “High Temperature Accelerants – Are They Real?”, *The Detonator*, 30, 2, Mar./Apr. 2003
- Forensic Fire Scene Reconstruction*, D. J. Icove and J. D. DeHaan, Brady Publishing, New Jersey, 2003
- “NFPA 921's Impact on Fire Scene Reconstruction”, D. J. Icove and J. D. DeHaan, *Fire Protection Engineering*, Winter 2004
- “Reliability of Fire Tests and Computer Modeling in Fire Scene Reconstruction”, presented at the IAAI Annual Meeting, St. Louis, MO, April 2004, published in *Fire & Arson Investigator*, Vol. 55, No. 3, Jan. 2005, pp. 40-47 (Part I)
- “Exploding Gas Cans and Other Fire Myths”, *CAC News*, Third Quarter 2004, pp. 22-28. Presented at CAC Spring Seminar, San Mateo, May 2004 (Voted best paper – Alfred Biasotti Award)
- “Advanced Tools for Use in Forensic Fire Scene Investigation, Reconstruction and Documentation”, published in the *Proceedings of InterFlam 2004*, Interscience Communications, London, 2004. Presented at the 10th Annual InterFlam Conference, Heriot Watt Univ., Edinburgh, Scotland, July 2004
- “Volatile Organic Compounds from the Combustion of Human and Animal Tissue”, John DeHaan, David Brien, and Robert Large, presented at Forensic Science Society, Oxford, U.K., Mar. 19-22, 2003, and at the Technical Working Group Symposium, Orlando, FL, Nov. 20, 2003, published in *Science & Justice*, Vol. 44, No. 4, Oct.-Dec. 2004, pp. 223-236

Appendix 1: Publications and Papers, 1973 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

- “Reliability of Fire Tests and Computer Modeling in Fire Scene Reconstruction, Part I”, presented at the IAAI Annual Meeting, St. Louis, MO, April 2004, published in *Fire & Arson Investigator*, Vol. 55, No. 3, Jan. 2005, pp. 40-47
- “Reliability of Fire Tests and Computer Modeling in Fire Scene Reconstruction, Part II”, *Fire & Arson Investigator*, Vol. 55, No. 4, Apr. 2005, pp. 35-45
- “The Great Fire of 1871 That No One Knows”, Presented at Last Word Society, American Academy of Forensic Sciences, Seattle, WA, Feb. 23, 2006
- “Fire Scene Reconstruction” Chapter in *Crime Scene Reconstruction*, W. J. Chisum and B. Turvey, CRC Press, Boca Raton, FL, 2007
- Kirk's Fire Investigation*, 6th Ed., J. D. DeHaan, Brady Publishing, New Jersey, 2007
- “Fire Dynamics” Chapter in *Analysis of Burned Human Remains*, S. Symes and C. Schmidt., eds., Elsevier, 2008
- Foreword in *Fire Debris Analysis*, E. Stauffer, J. A. Dolan, R. Newman, Academic Press, 2008
- Edited and revised “Arson” and “Explosives” Chapters in *Scientific Evidence*, 4th Ed., P. C. Gianelli and E. J. Imwinkelreid, Lexis Nexis, 2008
- “Combustion Properties of Human and Large Animal Carcasses”, J. D. DeHaan and E. Pope, presented at Interflam, London, U.K., September 2007
- Forensic Fire Scene Reconstruction*, 2nd Ed., D. J. Icove and J. D. DeHaan, Brady Publishing, New Jersey, 2008
- “Sustained Combustion of Bodies: Some Observations”, presented in part AAFS, Denver, CO, Feb 18, 2009.
- “Taphonomic Effects of Burning on Ivory: Preliminary Results”, B. W. Baker, J. D. DeHaan, D. Healahl, J. A. Chamberlain, and E. O. Espinoza. *Current Research in the Pleistocene*, Vol. 26, 2009, pp 129-131
- “Fire Investigation – where do we go now?”, J. D. DeHaan, presented at International Symposium on the Forensic Sciences, Sydney, Australia, Sept. 2010
- “Sustained Combustion of Bodies: Some Observations”, J.D. DeHaan and E. Pope, presented at CAC Semi-Annual Conference, Oakland, CA, Oct. 2010
- “Burning for Profit – Case Study: Putting it all Together”, ISFI 2010, University of Maryland, MD
- Kirk's Fire Investigation*, 7th Ed., J. D. DeHaan D.J. Icove, Brady Publishing, New Jersey, 2011

Appendix 1: Publications and Papers, 1973 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

“Fire and Death – Working Together to Get the Right Answers,” JD DeHaan, Scottish Fire Service/Strathclyde University, November 2011

“Fire Fatality with a Floor furnace”, J. D. DeHaan, *California Fire/Arson Investigator*, Winter 2011, 11-24

“Effects of Fire on Human Cadavers,” IAAI-ATC, Dover, Delaware, April 2012

Forensic Fire Scene Reconstruction, 3rd Ed., D. J. Icove, J. D. DeHaan, and G. A. Haynes, Brady Publishing, New Jersey, September 2012

“Repositioning of Human Bodies During Fires” J.D. DeHaan, Proceedings ISFI, College Park, MD, September 2012

“Sustained Combustion of Bodies: Some Observations”, *Journal of Forensic Sciences*, Vol. 57, No. 6, November 2012, pp. 1578-1584

“Fire – Safe Cigarettes – Aren’t” J.C. Albers and J.D. DeHaan, *California Fire/Arson Investigator*, January 2013 – Also: *California Fire Service Magazine*, January/February 2014, pp. 8-9

“On-Scene Characterization of Flammable Liquid Vapors using GC/MS and SPME Sampling,” J.D. DeHaan, D.A. Matthew, G.S. Dobson, *Proceedings ISFI*, College Park, MD, September 22, 2014

“A Forensic Fire Expert in Prosecution and Defense Cases”, presented at Univ. of New Haven, Connecticut, April 29, 2016

“Detection and Characterization of Volatile Organic Compounds from Burned Human and Animal Remains in Fire Debris”, JD DeHaan, DJ Brien, E. Taormina, *Science & Justice* (in press October 2016)

Appendix 2: Lectures and Courses Taught, 1974 - 2015

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

Lecturer – Instructor:

Practitioner in Residence, University of New Haven, Fire Science Program, 1997 – 2000

Lecturer, University of California – Davis, Forensic Science Program, 2001 to date

Fire and Arson Investigation:

University of Dundee, Dundee, Scotland, 1991 – 1998

University of British Columbia, Canada, 1997

Institution of Fire Engineers, Scotland, New Zealand, Northern Ireland and United Kingdom (North) Branches

University of Seville (Spain), for Spanish Society of Fire Investigators

California State Fire Marshal

Yolo County (California) Arson and Bomb Unit

California Conference of Arson Investigators, 1992, 1998, 1999, 2000

Cosumnes River College (Sacramento, California)

Solano Community College (Fairfield, California)

College of San Mateo (San Mateo, California)

California Fire Academy (Monterey Peninsula College, Monterey, California)

California Department of Justice, Bureau of Forensic Services, 1974 – 2000

Berkeley (California) Conference on Physical Evidence, 1979

California Association of Criminalists, 1996 – 2002

Shasta County (California) Arson Committee

Tuolumne County (California) Arson Task Force

Bay Area (San Francisco, California) Arson Strike Force

Redwood City (California) Fire Department

North Texas Fire Investigators Association

Mendocino County (California) Arson Task Force

Oregon Fire Chiefs Association

Lancashire (U.K.) Fire Brigade, 1997

Sacramento County (California) Fire Department

Stockton (California) Fire Department, 1998

Training Operations Management (Walnut Creek, California), 1998

British Columbia Fire Commissioner (Canada), 1990 to date

Tennessee Advisory Committee on Arson

Texas Association of Fire Educators

Maricopa County (Arizona) Attorney

Ontario (Canada) Fire Marshal

Queensland (Australia) Association of Fire Investigators

New York State Fire Academy, 1992

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

Arizona State Fire Marshals, 1991 – 1997

New Zealand Fire Service

International Association of Arson Investigators:

Anaheim, California, 1979

Orlando, Florida, 1983

Atlanta, Georgia, 1986

Las Vegas, Nevada, 1987

Auckland, New Zealand, 1993

Milwaukee, Wisconsin, 2002

Sparks, Nevada, 2003

St. Louis, Missouri, 2004

International Association of Arson Investigators, Regional Conferences: New Mexico, Mississippi, New Jersey, Louisiana, Oregon, Kansas, New York, Michigan, Colorado, Massachusetts, Connecticut, Maryland, North Carolina, Florida, Virginia, Hawaii, Illinois, Iowa, New South Wales (Australia), Ontario (Canada), British Columbia (Canada)

American Academy of Forensic Sciences: Cincinnati, New Orleans, Seattle, San Francisco, Dallas

Other Fire Training Presentations:

United States Department of the Treasury, Bureau of Alcohol, Tobacco and Firearms (BATF) – Advanced Cause and Origin, Glynco, Georgia 1992 to date

BATF – Arson Accelerant Detection Course, 1984 – 1986

BATF – Systematic Analysis of Low Explosives, 1987

American Chemical Society – Technician Affiliate Group

BATF – Fire Investigation Research Establishment, 1997

Training in Crime Scene Investigation and Reconstruction and Trace Evidence:

Butte College, Oroville, California

California DoJ – BFS, Course in Identification of Hair

Yuba City, California, Police Department

California Homicide Investigators Association

California Association of Criminalists

California Department of Forestry Academy, Ione, California

Napa Valley College (Napa, California)

California DoJ – CCI, Crime Scene Investigation

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

1998:

- Flashover and Fire Dynamics, Sacramento, CA, FI 1A, 1/6/98, 2 hrs.
- Fire Dynamics, Indicators, and Reconstruction, Stockton, CA, 1/12/98, 8 hrs.
- Forensic Fire Investigations – A Fifty Year Retrospective, AAFS, San Francisco, CA, 2/12/98, 0.5 hr.
- Fire & Explosion Investigation (with Monty McGill), BFS-CCI, San Diego, CA, 3/2-5/98, 32 hrs.
- Advanced Fire and Explosion Investigation, Illinois Fire Investigators Assoc., Peoria, IL, 3/14-15/98, tested
- Analysis of Low Explosives, BFS-CCI, Sacramento, CA, 3/23-27/98, 32 hrs.
- Fire Dynamics and Behavior, Wash. State Patrol, Moses Lake, WA, 4/22-24/98, 20 hrs., tested
- Combustion Explosions, U.C. Davis, Forensic Engineering, 5/14/98, 2 hrs.
- Dynamics of Fires and Explosions, TACA, Murfreesboro, TN, 5/18-19/98, 12 hrs., tested
- Dynamics of Fires and Explosions, IAAI-MI Chapter, Mt. Clemens, MI, 5/21-22/98, 12 hrs., tested
- Latent Print Techniques, BFS-CCI, Santa Ana, CA 6/1-5/98, 38 hrs.
- Fire Dynamics and Indicators, CCAI Inland Valley, 6/11/98, 7 hrs.
- Fire & Explosion Investigation (with Monty McGill), BFS-CCI, Camarillo, CA, 6/18-22/98, 32 hrs.
- Flammable Liquid Fires and Indicators, International Fire & Arson Conference, Brunel Univ., U.K., 6/29-30/98, 3 hrs.
- Fatal Fire Investigations, CCAI, San Luis Obispo, CA, 7/21/98, 3 hrs.
- Arson Accelerant Detection, BFS-CCI, Sacramento, CA, 7/27-31/98, 38 hrs.
- Canadian Fire Investigation School, Level II (with Monty McGill), Kamloops, B.C., 8/24-28/98, 40 hrs.
- Biology of Friction Ridge Skin, Latent Print Comparison Course, Santa Ana, CA, 8/31/98, 3 hrs.
- Fire Indicators/Combustion Explosions, ATF Adv. C&O Course, Glynco, GA, 9/98, 3 hrs.
- Advanced Fire Investigation (with Monty McGill), T.O.M., Walnut Creek, CA, 9/21-23/98, 16 hrs.
- Human Combustion, CAC Seminar, San Diego, CA, 10/16/98, 1 hr.
- NFPA 921 and Canines, ATF Canine Recertification, Tucson, AZ, 10/20/98, 2 hrs.
- Fire & Explosion Investigation, Univ. of Dundee, Dundee, Scotland, 10/27-29/98, 20 hrs.
- Fire Dynamics and Spontaneous Combustion, CCAI, Fallbrook, CA, 11/13/98, 6 hrs.
- Forensic Science, Monte Vista HS, Sunnyvale, CA, 11/24/98, 1 hr.
- Fire Death Investigation, CCAI, Salinas, CA 11/25/98, 6 hrs.
- Latent Print Techniques, BFS-CCI, Sacramento, CA 12/7-11/98, 38 hrs.
- Fire Indicators/Combustion Explosions, ATF Adv. C&O Course, FLETC, 12/14/98, 8 hrs.

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

Forensic Science 625, Chemistry of Fires and Explosions, Univ. of New Haven, Master's Program (Graduate Level), 12 3-hr. lectures, Jan. – Mar. and Sept. – Dec. 1998
Forensic Science 649, Investigation of Fires and Explosions, Univ. of New Haven, Master's Program (Graduate Level), 12 3-hr. lectures, Apr. – Jun. 1998

1999:

Flashover and Fire Dynamics, Sacramento FD, FI 1A, 1/15/99, 2 hrs.
New Concepts in Fire and Explosion Dynamics, Longmont, CO, 1/25-26/99, 14 hrs., tested
Fire Investigation: Challenges, Los Angeles, CA, Women in Fire Service, 2/24/99 7 hrs.
Basic Fire Investigation, Washington State Patrol, Kennewick, WA, 4/26-27/99, 15 hrs.
Investigative Resources and Assessment, Washington State Patrol, Kennewick, WA, 4/28/99, 1 hr.
Advanced Fire Investigation, Washington State Patrol, Kennewick, WA, 4/29/99, 12 hrs., tested
Advances in Fire Investigation, NWFIA, Springfield, OR, 5/4/99, 7 hrs.
Fire Dynamics and Indicators, CCAI, Susanville, CA, 5/6/99, 7 hrs., tested
Fire Dynamics and Advanced Investigation, PARCO, Clearwater, FL, 5/20-21/99, 13 hrs.
Latent Print Techniques, BFS-CCI, Sacramento, CA, 5/24-28/99, 38 hrs.
Combustion Explosions, U.C. Davis, Forensic Engineering, 6/1/99, 1.5 hr.
Lab Analysis of Arson Evidence, CCI, Sacramento, CA, 6/12/99, 4 hrs.
Explosives Analysis, CCI, Sacramento, CA, 6/15/99, 1 hr.
Investigation of Fatal Fires, Sonoma Co. Arson Task Force, Healdsburg, CA, 6/16/99, 7 hrs.
The Challenge of Fire Investigation, InterFlam (keynote address), Edinburgh, Scotland, 6/29/99
Quality Assurance in Fire Investigation, International Fire & Arson Conference, Brunel Univ., 7/1/99
The Fire Dynamics of Fatal Fires, VA Chapter, IAAI, Williamsburg, VA, 7/26-27/99, 14 hrs.
Fire Indicators/Combustion Explosions, ATF Adv. C&O Course, Glynco, GA, 7/28-29/99, 8 hrs.
Fire Death Investigation, IAFS Workshop (with Monty McGill), UCLA, 8/23-24/99, 16 hrs.
Sustained Combustion of an Animal Carcass, IAFS, UCLA, 8/25/99
Deflagrations of Heavier-than-Air Vapor Mixtures, IAFS, UCLA, 8/25/99
Canadian Fire Investigation School, Level II (with Monty McGill and Art Hunter), Cranbrook, B.C., 8/30-9/3/99 40 hrs.
Latent Print Techniques, BFS-CCI, Sacramento, CA, 9/13-15/99, 24 hrs.
Arson Accelerant Detection, BFS-CCI, Sacramento, CA, 9/27-10/1/99, 38 hrs.
Deflagration of Stratified Heavier-than-Air Vapor Mixtures, SFPE, Chicago, IL, 10/6/99
Advanced Fire Behavior, CCAI, Garden Grove, CA, 10/12/99, 7 hrs.
Fire and Explosion Investigation, Airth Castle (Stirling), Scotland, 10/18-22/99, 24 hrs.
Quality Assurance in Fire Investigation, Horsham (Sussex), England, 10/27/99, 2 hrs.
Advanced Fire Behavior, IAAI-Saskatchewan, Regina, Canada, 11/15-16/99, 15 hrs., tested

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

- Arson & Bomb Investigations, U.C. Davis (Extension), Sacramento, CA, 12/8/99, 3 hrs., tested
- Forensic Science 649, Investigation of Fires and Explosions, Univ. of New Haven, Master's Program (Graduate Level), 12 3-hr. lectures, Jan. – Apr. 1999
- Forensic Science 684, Reconstruction of Fires and Explosions, Univ. of New Haven, Master's Program (Graduate Level), 12 3-hr. lectures, Apr. – Jun. 1999
- Forensic Science 625, Chemistry of Fires and Explosions, Univ. of New Haven, Master's Program (Graduate Level), 12 3-hr. lectures, Sept. – Dec. 1999 and Jul. – Aug. 1999

2000:

- Fire Investigation, U.C. Davis, Forensic Science Program, Sacramento, CA, 2/2/00, 3 hrs.
- Advanced Fire Investigation (with Monty McGill), Ventura Co. Fire Dept., CA, 2/7-10/00, 32 hrs. plus live burns, tested
- Advanced Fire Dynamics, Queensland Association of Fire Investigators, Brisbane, Queensland, Australia, 3/4-5/00, 16 hrs. plus live burns, tested
- Getting it Right in Fire Investigations (Plenary Lecture), Australia-New Zealand Forensic Science Society (ANSFSS), Gold Coast, Queensland, Australia, 3/6/00
- Human Combustion (Invited Lecture), ANZFSS, 3/7/00
- Criminalistics and Fires (Guest Lecture), California DOJ/DNA Lab, Berkeley, CA, 3/29/00, 2 hrs.
- Advanced Fire Dynamics and Indicators, Oakland Co. Association of Arson and Fire Investigators, Pontiac, MI, 4/8/00, 8 hrs., tested
- Advanced Fire Dynamics, Northwest Fire and Arson Seminar, Wilsonville, OR, 5/2/00, 8 hrs., tested
- Advanced Fire Investigation (with Monty McGill), Sonoma Co. Arson Task Force, CA, 5/4-9/00, 32 hrs. plus live burns, tested
- Fire Debris Analysis, New York Police Dept. Forensic Lab, Jamaica, NY, 5/22-25/00, 30 hrs., tested
- Fire Dynamics & Indicators, ATF Adv. C & O Course, Glynco, GA, FLETC, 6/5/00, 8 hrs., tested
- Advanced Fire Dynamics, Mass. Chapter – IAAI, Hyannis, MA, 6/7/00, 8 hrs. plus live burns, tested
- Advanced Fire & Explosion Investigation, New Zealand Fire Service, Wellington, NZ, 6/12-16/00, 36 hrs. plus live burns, tested
- Room Fire Dynamics, California Conference of Arson Investigators, San Luis Obispo, CA, 7/10/00, 4 hrs. plus live burns, tested
- Analysis of Low Explosives (with Wayne Moorehead), CCI, Sacramento, CA, 8/28-9/1/00, 40 hrs., tested
- Fatal Fire Investigations, Denver Fire & Arson Seminar, Denver, CO, 9/21/00, 8 hrs., tested
- Reconstruction, IAAI-Alberta, Calgary, Alberta, Canada, 10/14-17/00, 12 hrs., tested

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

Fire Dynamics & Indicators, Canadian Assoc. of Fire Investigators, Calgary, Canada, 10/15-16/00, 16 hrs. plus live burns, tested
Canadian Fire Investigation School, Level II, Surrey, B.C., 10/20-21/00, 10 hrs.
Investigation of Major and Fatal Fires, Canadian Fire Investigation School, Level II, Surrey, B.C., Canada, 10/23-24/00, tested
Fire Investigations, Northern California Fire Protection Officers, Vallejo, CA, 10/27/00, 1 hr.
Chemistry of Fire and Pyrolysis, Advanced Chemistry for Fire Debris Analysts, National Center for Forensic Science, Tallahassee, FL, 11/2/00, 6 hrs.
Why Investigate Fires?, Vallejo Rotary Club, Vallejo, CA, 12/14/00, 1 hr.

2001:

Fire Dynamics and Fatal Fires, Kansas City Arson Task Force, 3/2-3/01, 12 hrs., tested
Fire Dynamics and Special Topics, West Palm Beach, FL, 3/11-12/01, 16 hrs., tested
Fire and Explosion Investigation, Fire Research Station, Garston, U.K., 3/19-23/01, 30 hrs.
The Mariet Ford Arson/Homicide Case, CAC, Sacramento, CA, 3/29/01, 1 hr.
Forensic Science 210: Methods of Identification and Individualization, U.C. Davis (Graduate Extension), 4/2-6/7/01, 36 hrs.
Ignition and Incendiary Devices, Marin Co. Arson Task Force, Novato, CA, 4/5/01, 1 hr.
Fire Dynamics and Reconstruction, Springfield, OR, 5/8/01, 8 hrs., tested
New Petroleum Products and Canine Detection (CADA), Long Beach, CA, 5/17/01, 1 hr.
Fire Dynamics and Fatal Fires, Washington State Patrol, Region 1, Ft. Townsend, WA, 5/21-23/01, 12 hrs., tested
Fire Dynamics and Fatal Fires, Washington State Patrol, Region 8, Pasco, WA, 5/24-25/01, 12 hrs., tested
Fire Indicators and Combustion Explosions, ATF Adv. C & O, Glynco, GA, 6/4/01, 8 hrs., tested
Fire Dynamics and Reconstruction, PARCO, Clearwater, FL, 6/20-21/01, 16 hrs., tested
Special Topics: Live, Learn and Pass It On Fire Conference, Brunel Univ., UK, 6/27-28/01, 4 hrs.
Fire Investigation and Reconstruction, Indiana Fire Invest. Conf., Indianapolis, IN, 8/21/01, 8 hrs.
Fire Dynamics and Reconstruction, ATF Seminar, Chicago, IL, 10/01, 16 hrs.
Fatal Fire Reconstruction, CAC Workshop, Los Angeles, CA, 10/17/01, 7 hrs.
Fire Dynamics and Reconstruction, Miss. Fire Investigators Assoc., Natchez, MS, 11/7-8/01, 16 hrs., tested
Fire Reconstruction, Conn. Chapter – IAAI, Hartford, CT, 11/15/01, 8 hrs., tested
Fire Dynamics and What's New, CCAI Roundtable, El Cajon, CA, 12/14/01, 7 hrs.

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

2002:

Fire Indicators/Combustion Explosions, ATF Advanced Cause & Origin, FLETC, Glynco, GA, 1/8-9/02, 8 hrs.
Evidence Documentation & Presentation (panel w/Doug Wood), CCAI, 1/21/02, 6 hrs.
Fire Scene Documentation, Rogue Valley IAAI, Grants Pass, Oregon, 2/11-12/02, 16 hrs.
Fire and Death: Working Together to Get the Right Answers, WPMO, Sydney, Australia, 3/20/02, 1 hr.
Fire Debris Chemistry, Univ. of Technology at Sydney, Australia, 3/27/02, 1 hr.
Utah Chapter IAAI, Wendover, UT, 4/1-3/02, 20 hrs., tested
The Anatomy of Fire, B.C. Chapter IAAI, Vancouver, Canada, 4/4-5/02, 8 hrs., tested
Advanced Cause & Origin/Fire Dynamics, DuPage Co. Fire Investigation Task Force and Kane Co. Fire Task Force, 4/15-18/02, 32 hrs., tested
Fire Deaths: Investigation and Reconstruction, IAAI Milwaukee, 5/20/02, 2 hrs., tested
Combustion Explosions, U.C. Davis, 6/10-11/02, 12 hrs., tested
Fire Indicators/Combustion Explosions, ATF Advanced Cause & Origin, FLETC, Glynco, GA, 7/17-18/02, 8 hrs.
Scene Documentation, CCAI, 7/22/02, 1 hr.
Fire Investigation and the Lab, No/So Arson/Explosives Conference, 7/25/02, 1.5 hr.
General Fire Science and Investigation, New Zealand, FS & ESR, 8/22-23/02, 14 hrs.
Approaches to Fire Scene Investigation, IAFS, Montpellier, France, 9/3/02, 1 hr.
Fire Scene Documentation, Illinois Chapter IAAI, 9/9/02, 8 hrs.
Fire Indicators/Combustion Explosions, ATF Advanced Cause & Origin, FLETC, Glynco, GA, 9/11-12/02, 8 hrs.
Fire and Explosion Investigation, Bishops Stortford, Essex, U.K., 9/17-20/02, 30 hrs.
Fire Behavior and Analysis, Iowa Chapter IAAI, 9/24-25/02, 12 hrs.
Canadian Fire Investigation School, Vancouver, Canada, 9/30-10/1/02, 12 hrs., tested
Fire Scene Investigation and Reconstruction, CAC, Huntington Beach, CA, 10/14-15/02, 16 hrs.

2003:

Advanced C&O and Courtroom Techniques (Fire Indicators; Combustion Explosions), ATF, FLETC, Glynco, GA, 1/8-9/03, 8 hrs., tested
Combustion Explosions, SFPE, Oakland, CA, 1/17/03, 1 hr.
NFPA 921 Update, Solano/Napa Fire Investigation Unit, Benicia, CA, 2/6/03, 7 hrs.
Fire Investigation and the Forensic Lab, Univ. of Glamorgan, Cardiff, Wales, 3/24/03, 2 hrs.
Fire Behavior and Flashover – What Is It and Why Do I Care?, Minnesota Chapter IAAI 2003 Fire Investigation Conference, St. Cloud, MN, 3/27/03, 8 hrs., tested
Personal Identification Methods in Forensic Science, FS210, U.C. Davis, 4/2 – 6/4/03, 4 hrs./week for 10 weeks
Spontaneous Combustion (with Prof. David Howitt), IAAI Annual Meeting, Sparks, NV, 4/18/03, 3 hrs.

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

- Forensic Fire Scene Reconstruction (with Dr. David Icove), Washington State Fire Investigation Seminar, Walla Walla, WA, 5/19-23/03, 40 hrs., tested
- Fire Scene Documentation, South Carolina Chapter IAAI, South Carolina Fire Academy, Columbia, SC, 6/5/03, 8 hrs., tested
- Reconstruction of Flammable Liquid Fires and Combustion Explosions; Spontaneous Combustion, CORE Engineering and Summit Engineering Small Group Seminar, Columbia, SC, 6/6/03, 7 hrs.
- Advanced C&O and Courtroom Techniques (Fire Indicators; Combustion Explosions), ATF, FLETC, Glynco, GA, 6/18-19/03, 8 hrs., tested
- Fire Deaths: Working Together to Get the Right Answers, Masters 10 Conference, St. Louis University School of Medicine, St. Louis, MO, 7/23/03, 1 hr.
- Fire Deaths: Working Together to Get the Right Answers, NSW Police Service, Sydney, NSW, Australia, 8/6/03, 2 hrs.
- Fire/Explosion Scene Documentation; Combustion Explosions; and Fatal Car Fire, NSW Association of Fire Investigators (IAAI Chapter), Sydney, NSW, Australia, 8/7-8/03, 3 hrs.
- Why Document a Fire Scene?, CCAI Roundtable Meeting, Oakland, CA, 9/4/03, 1.5 hr.
- Advanced C&O and Courtroom Techniques (Fire Indicators; Combustion Explosions), ATF, FLETC, Glynco, GA, 9/9-10/03, 8 hrs. tested
- Fire and Explosion Investigation Course, Bishops Stortford, Essex, UK, 9/16-19/03, 30 hrs.
- Fire and Arson Investigation, Survey in Forensic Science Course, U.C. Davis, 10/21/03, 3 hrs.
- Basic Fire Investigation; Compartment Fire Dynamics and Flashover; and Fire Deaths, Greater Cincinnati Regional Arson Fire Investigators Seminar, Cincinnati, OH, 10/23-24/03, 8 hrs.
- Fire and Explosion Investigation – What's New?, Idaho Chapter IAAI 2003 Annual Conference, Post Falls, ID, 11/5/03, 8 hrs.
- Spontaneous Human Combustion; Fundamentals of Fire Investigation, Mass. State-Wide Coalition for Juvenile Firesetter Intervention Program's Annual Conference, Framingham, MA, 11/10/03, 6 hrs.
- Fire Fatalities, U.C. Davis Extension, 11/12/03, 8 hrs.
- Advanced C&O and Courtroom Techniques (Fire Indicators; Combustion Explosions), ATF, FLETC, Glynco, GA, 12/2-3/03, 8 hrs., tested

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

2004:

- Advanced C&O and Courtroom Techniques (Fire Indicators; Combustion Explosions), ATF, FLETC, Glynco, GA, 1/6-7/04, 10 hrs. tested
- Fire Scene Reconstruction (with Dr. David Icove), CCAI, Seaside, CA, 1/26-27/04, 6 hrs., tested
- The Great Chicago Fire, Lions Club, Palo Alto, CA, 2/3/04, 1 hr.
- Bubble, Bubble, Boom (Fires and Explosions in Clandestine Drug Labs) (with Sanford Angelos), Workshop at AAFS Annual Meeting, Dallas, TX, 2/17/04, 8 hrs.
- Low Energy Ignition (with Dr. David Howitt), Utah Chapter IAAI, Wendover, NV, 2/23-24/04 (with live burns), 18 hrs.
- The Do's and Don'ts of Presenting or Defending a Fire Subrogation Case Through Trial (w/ Joseph Zicherman and Kevin Cholakian), NASP Chapter Meeting, City Club, San Francisco, CA, 2/26/04, 1 hr.
- Fire Scene Investigation, NV Chapter IAAI, Gardnerville, NV, 5/24-28/04 (with live burns), 36 hrs., tested
- Combustion Explosions – Mechanisms & Investigations, U.C. Davis Extension, Davis, CA, 6/10/04, 8 hrs., tested
- Compartment Fire Behavior (with Dan Madrzykowski), CCAI, Seaside, CA, 7/26-27/04, 16 hrs., tested
- Forensic Fire Scene Reconstruction (with Dr. David Icove), Ohio Arson School, Columbus, OH, 8/4-6/04, 18 hrs., tested
- Advanced C&O and Courtroom Techniques (Fire Indicators; Combustion Explosions), ATF, FLETC, Glynco, GA, 8/18-19/04, 8 hrs., tested
- Fire and Explosion Investigation Course, Bishops Stortford, Essex, U.K., 9/14-17/04, 32 hrs.
- Fire Behavior and Fire Demos, Alameda Co. Arson Task Force, Hayward, CA, 9/23/04 (with live burns), 2 hrs.
- Vital Knowledge for the Fire Investigator's Tool Box (with Dave Campbell), Nebraska Fire & Arson Conference, Grand Island, NE, 9/27-30/04 (with live burns), 20 hrs., tested
- Fire and Explosion Investigation (with Monty McGill and Raymond Davis), Idaho State University Institute of Emergency Management, Sandpoint, ID, 10/11-16/04 (with live burns), 44 hrs., tested
- Forensic Fire Scene Reconstruction (with Dr. David Icove), Hawaii Chapter IAAI, Honolulu, HI, 10/18-21/04, 20 hrs.
- Fires and Explosions in Clandestine Labs, 4th Annual TWGFEX Symposium, Orlando, FL, 11/18/04, 3 hrs.
- Forensic Fire Scene Reconstruction (with Dr. David Icove), Connecticut Chapter IAAI, Annual Arson Investigators Seminar, Rocky Hill, CT, 11/19/04, 8 hrs.
- Forensic Fire Scene Reconstruction (with Dr. David Icove), American Academy of Applied Forensics at Central Piedmont Community College, Charlotte, NC, 12/7-8/04, 16 hrs.

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

2005:

- Advanced Fire Scene Reconstruction (with Dr. David Icove), IAAI Arizona Chapter, Mesa, AZ, 1/27/05, 7 hrs., tested
- Learning from Fires, Vallejo Chamber of Commerce, Vallejo, CA, 2/17/05, 1 hr.
- Fire Death Investigation, U.C. Davis, Davis, CA, 2/9/05, 8 hrs., tested
- Advanced Fire Scene Reconstruction (with Dr. David Icove), IAAI Virginia Chapter, Virginia Beach, VA, 3/21-22/05, 16 hrs., tested
- Personal Identification and Analytical Methods in Forensic Science (FS210), U.C. Davis Extension, Davis, CA, 3/28/05 – 6/6/05, 40 hrs., tested
- Fire Scene Reconstruction, IAAI, Vancouver, B.C., Canada, 4/4-5/05, 4 hrs.
- Forensic Fire Scene Reconstruction, 2005 IAAI Annual Training Conference, Washington, DC, 4/28/05, 4 hrs., tested
- Forensic Fire Scene Reconstruction, 2005 Fire Investigation Conference, IAAI Washington Chapter and Northwest Fire Investigators Association, Leavenworth, WA, 5/9-13/05, 36 hrs., tested
- Fingerprints (ETX20), U.C. Davis, Davis, CA, 5/23/05, 3 hrs.
- Advanced C&O and Courtroom Techniques (Fire Indicators; Combustion Explosions), ATF, FLETC, Glynco, GA, 6/8-9/05, 8 hrs., tested
- Combustion Explosions: Gasoline Vapors and Aerosols, CCAI, San Luis Obispo, CA, 7/18/05, 2 hrs., plus demonstrations
- Flashover (with Dr. David Icove), Ohio Arson School, Columbus, OH, 8/2/05, 3 hrs., tested
- Forensic Fire Scene Reconstruction (with Dr. David Icove), IAAI Tennessee Chapter, Gatlinburg, TN, 8/4-5/05, 12 hrs., tested
- The Scientific Method, Rudloff, Wood & Barrows (law firm), Emeryville, CA, 8/10/05, 1 hr.
- Fire and Explosion Investigation Course (with Jack Malooly and Stan Ames), Bishops Stortford, Essex, U.K., 9/26-30/05, 32 hrs.
- The Importance of Forensic Fire Investigation, IAAI-Ireland Branch, Dublin, Ireland, 10/3/05, 1 hr.
- Scientific Fire Investigation and Myth Busting, Symposium on Scientific Fire Investigation, Spoliation and Subrogation, Houston, TX, 10/13/05, 2 hrs.
- Fire Scene Reconstruction – Ventilation Factors and Mohan/Daubert Challenges and Forensic Science, 2005 Canadian National Advanced Fire, Arson & Explosion Training Program, Toronto, Ontario, Canada, 10/24/05, 7 hrs., tested
- Fire Investigation and the Forensic Scientist, Fall 2005 Northwest Association of Forensic Scientists Meeting, Seattle, WA, 11/16/05, 8 hrs., tested
- Basic Fire Behavior and Fire Dynamics, Dane Co. Arson Response Initiative (DCARI), Madison, WI, 12/3-4/05, 12 hrs., tested
- The Scientific Method and Fire Investigation, CCAI/San Diego Co. Arson Task Force, Carlsbad, CA 12/9/05, 6 hrs.

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

2006:

Advanced C&O and Courtroom Techniques (Fire Indicators; Combustion Explosions), ATF, FLETC, Glynco, GA, 1/24-26/06, 8 hrs., tested

What is the Scientific Method and What Does It Have To Do with My Investigation?, Central Illinois Fire Investigators Association Conference, Peoria, IL, 3/24-26/06, 8 hrs.

Clues in the Ashes: Case Studies in Fire Investigation, San Jose State University, San Jose, CA, 4/3/06, 1.5 hrs.

Distinguishing Fact from Fantasy in Arson Cases, Capital Cases Seminar: Judicial Management of Death Penalty Cases, Chicago, IL, 5/10-11/06, 3.5 hrs.

Fire Scene Documentation, Michigan Chapter IAAI Annual Arson School, Midland, MI, 5/25/06, 6 hrs.

Forensic Fire Scene Reconstruction (with Dr. David Icove), Massachusetts Chapter IAAI, Hyannis, MA, 6/7-9/06, 18.5 hrs.

“Hourglass” Burn Patterns: A Scientific Explanation for Their Formation (with Dr. David Icove), Int’l Symposium on Fire Investigation Science and Technology, University of Cincinnati, Cincinnati, OH, 6/26-28/06, 1 hr.

Modern Fire Scene Investigation (with Dr. David Icove), New York City Fire Marshals, New York City, NY, 7/24-26/06, 16 hrs.

Case Studies Involving Fire Deaths, Indiana Fire Investigations Conference, Indiana Chapter IAAI, Indianapolis, IN 8/22/06, 8 hrs.

Fire and Explosion Investigation Course (with Jack Malooly and Stan Ames), Wethersfield, U.K., 9/25-29/06, 36 hrs.

Spontaneous Combustion/Self-Ignition and Facts and Fantasy of Fire Investigation, Sonoma Co. Fire Investigation Task Force, Petaluma, CA 10/4/06, 4 hrs.

Forensic Fire Scene Reconstruction, 10th Annual Fire Investigative Approaches Training Seminar, North Carolina and South Carolina Chapters IAAI, Myrtle Beach, SC, 10/16-17/06, 16 hrs.

CSI – It’s Not Really Like That – A View from the Bench, Tri-Valley Science Symposium, Pleasanton, CA, 10/24/06, 4 hrs.

Fire Behavior and Fire Demos, Alameda Co. Arson Task Force and Fire Prevention Officers Association, Hayward, CA, 10/25/06 (with live burns), 8 hrs.

Fire Scene Reconstruction, East Texas Arson Investigators Association Annual Conference, Longview, TX, 11/7/06, 8 hrs.

From Shovel to Computer: the Evolution of Fire Investigation and Reconstruction, Forensic Science Partnership Program, University of Rhode Island, Kingston, RI, 12/1/06, 1.5 hrs.

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

2007:

Fire Scene Reconstruction (with Dr. David Icove), Kansas Chapter IAAI Regional Seminar, Topeka, KS, 2/13-15/07, 21 hrs., tested

Myths and Legends, Annual Texas Fire and Arson Investigators Conference, Texas Engineering Extension Service (Texas A&M University), Austin, TX, 3/22/07, 8 hrs., tested

Facts and Fantasies of Fire Investigation, Documentation of Fire Scenes, and Fatal Fires, Arson Training Seminar, Insurance Committee for Arson Control (ICAC), Destin, FL, 2/20/07, 7 hrs.

NFPA 555 Flashover Calculations, CCAI, San Luis Obispo, CA, 3/26/07, 4 hrs., tested

What's New in Kirk, 6th Ed., Arizona Chapter IAAI, Mesa, AZ, 3/28/07, 7 hrs.

Fire Death Investigation, U.C. Davis Extension, Davis, CA, 5/17/07, 8 hrs., tested

Combustion Explosions – Mechanisms & Investigations, U.C. Davis Extension, Davis, CA, 5/30-31/07, 16 hrs., tested

Fire Scene Reconstruction (with Dr. David Icove), Southeastern Arson Seminar, Georgia Chapter IAAI, Savannah, GA, 8/7-8/07, 16 hrs., tested

Fire and Explosion Investigation Course (with Jack Malooly and Stan Ames), Wethersfield, U.K., 9/10-14/07, 40 hrs.

Stuart Kind Memorial Lecture, Forensic Science Society, Wyboston, U.K., 11/2/07

Ignition Sources: Fact or Myth (with Jack Malooly and Jamie Novak), CCAI, San Luis Obispo, CA, 11/6-7/07, 16 hrs., tested

Fire Scene Reconstruction (with Dr. David Icove), Texas Chapter IAAI, S. Padre Is., TX, 11/15-16/07, 12 hrs., tested

Introduction to Arson Investigation and Forensic Fire Science, San Jose State Univ., San Jose, CA, 11/21/07, 1 hr.

2008:

Low Energy Ignition Sources, Advanced Fire and Arson Career Development School, Rogue Valley (Oregon) Chapter IAAI, Medford, OR, 1/23-24/08, 12 hrs., tested

Don't Bomb in Court (How Arson and Bomb Scene Investigators and Lab Personnel Can Survive a Daubert or Frye Scientific Evidence Hearing in Court), Workshop, AAFS Annual Meeting, Washington, DC, 2/19/08, 8 hrs.

Fire Litigation (with Dr. David Icove), Hawaii State Bar Association, Honolulu, HI, 3/17/08, 3 hrs.

Forensic Fire Scene Reconstruction (with Dr. David Icove), Hawaii Chapter IAAI and SFPE, Honolulu, HI, 3/18-19/08, 16 hrs., tested

Fire and Arson Investigation (FOR215), U.C. Davis Extension, 3/31-6/9/08, 30 hrs., tested

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

- Forensic Fire Scene Reconstruction (with Dr. David Icove), Maryland Chapter IAAI, Baltimore, MD, 4/1-3/08, 20 hrs., tested
- Fire Death Investigation, Napa-Solano FIU, CCAI North Bay Roundtable, Napa, CA, 6/4-5/08, 16 hrs., tested
- Advanced Fire Investigation (with Monty McGill), College of Eastern Utah, Price City, UT, 4/14-18/08, 36 hrs.
- Investigating the Late, Great Fires of American History, Mid-Atlantic Association of Forensic Science Annual Conference, Marshall University, Huntington, WV, 5/1/08, 1 hr.
- Fire Scene Investigation Workshop, CAC Semi-Annual Conference, San Diego, CA 5/5-6/08, 16 hrs.
- Forensic Fire Scene Reconstruction (with Dr. David Icove), Florida Chapter IAAI, Orlando, FL, 6/11-13/08, 20 hrs., tested
- Forensic Fire Death Investigation Course (with Dr. Elayne Pope), San Luis Obispo Fire Investigation Strike Team (SLOFIST) and CCAI, San Luis Obispo, CA, 6/23-25/08, 16 hrs.
- Homicide by Arson, Hillsboro Fire Dept., Hillsboro, OR, 8/28/08, 8 hrs.
- Arson Investigation and Attacks, “Experts: Promoting and Protecting the Science” Course, National College of District Attorneys, San Diego, CA, 9/10/08, 2 hrs.
- Fire and Explosion Investigation Course (with Jack Malooly and Stan Ames), Gardiner & Associates, Wethersfield, Essex, U.K., 9/22-26/08, 36 hrs.
- Fire Death Scene Reconstruction, Greater Cincinnati Regional Arson Fire Investigators Seminar, Evendale, OH, 10/23-24/08, 8 hrs., tested
- Forensic Fire Scene Reconstruction (with Dr. David Icove), West Virginia Chapter IAAI, Beckley, WV, 10/27-28/08, 16 hrs., tested
- Fire Investigation: Progress and Professionalism, Saskatchewan Office of the Fire Commissioner, Saskatoon, Saskatchewan, 11/19/08, 8 hrs.

2009:

- Fire Dynamics: New Knowledge, Oregon Fire Instructors Association, Salem, OR, 1/10/09, 4 hrs.
- Forensic Fire Scene Reconstruction (with Dr. David Icove), New Jersey Chapter IAAI, Atlantic City, NJ, 3/4-6/09, 20 hrs.
- Fire Scene Investigation for Fire Debris Analysts, CCI, CSULA, Los Angeles, CA, 3/18-19/09, 8 hrs.
- Fire Scene Investigation: Special Topics, Louisiana Chapter IAAI, Shreveport, LA, 4/15-16/09, 16 hrs.
- Forensic Fire Scene Investigation (with Dr. David Icove), Oakland, Co. Fire Investigators, Auburn Hills, MI, 4/30-5/1/09, 16 hrs.
- Fire Scene Documentation/Fire Death Scenes (with Dr. Elayne Pope), IAAI – ATC Arlington, TX, 5/18-20/09, 10 hrs.

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

- Forensic Fire Death Investigation, U.C. Davis, N. Lake Tahoe, CA, 2 hrs.
- Forensic Fire Death Investigation (with Dr. Elayne Pope, Jim Allen, et al.), San Luis Obispo Fire Investigation Strike Team, San Luis Obispo, CA, 6/1-5/09, 40 hrs.
- Fire Death Investigation, European Academy of Forensic Sciences, Glasgow, Scotland, 9/8/09, 7 hrs.
- Fire and Explosion Investigation (with Jack Malooly and Jack Deans), Haverhill, Suffolk, UK, 9/14-18/09, 40 hrs.
- Forensic Fire Scene Reconstruction (with Dr. David Icove), Metro-Rural Fire Forensics, Halifax, Nova Scotia, Canada, 10/14-15/09, 16 hrs.
- Forensic Fire Scene Reconstruction (with Dr. David Icove), Oklahoma Chapter IAAI, Stillwater, OK, 10/28-29/09, 16 hrs.
- Fire Scene Investigation: Special Topics, Fire-Wise Consulting, Surrey, BC, Canada, 11/17-18/09, 16 hrs.
- Criminalistics, CSI and Fire Investigation, San Jose State University, Forensic Science Program, San Jose, CA, 11/23/09, 1.5 hrs.
- Criminalistics, CSI and Fire Investigation, Enochs High School – Chemistry and Physics program, Modesto, CA, 12/9/09, 4 hrs.

2010:

- Fire and Arson Investigation (FOR215), U.C. Davis Extension, 3/29-6/7/10, 30 hrs., tested
- Forensic Fire Scene Reconstruction (with Dr. David Icove), Nor Cal Fire Prevention Officers, Roseville, CA, 3/1-2/10, 16 hrs.
- Arson – Science or Fiction?, The Center for American and International Law, Plano, TX, 3/10/10, 1.5 hrs.
- Analysis of Low Explosives (with Wayne Moorehead), CCI, Sacramento, CA, 4/26-30/10, 24 hrs., tested
- Use of Laser Scanning at Explosion Scenes, IABTI, San Ramon, CA, 5/21/10, 1 hr.
- Forensic Fire Death Investigation (with Dr. Elayne Pope, Jim Allen, et al.), San Luis Obispo Fire Investigation Strike Team, San Luis Obispo, CA, 6/14-18/10, 40 hrs.
- Fire Investigation – where do we go now?, International Symposium on the Forensic Sciences, Sydney, Australia, Sept. 9, 2010, 1 hr.
- Fire and Explosion Investigation (with Jack Malooly and Jack Deans), Haverhill, Suffolk, UK, 9/20-24/10, 40 hrs.
- Burning for Profit – Case Study: Putting it all Together, ISFI 2010, University of Maryland, MD, 1 hr.
- Fire Death Investigation Workshop, CAC Semi-Annual Conference, Oakland, CA, 10/4/10, 8 hrs., not tested
- Accelerants and Interferences, Arson K9 Conference, San Diego, CA, 10/8/10, 2 hrs.
- HDS Laser Scanning for Fire and Bomb Scene Reconstruction and Cause and Origin Analysis, San Ramon, CA, 10/25/10, 1 hr.

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

Fire and Arson Investigations, San Jose State University, Forensic Science Program, San Jose, CA, 11/29/10, 2 hrs.

Fire and Arson Investigations, American Welding Society, Berkeley, CA, 12/1/10, 2 hrs.

2011:

NFPA 1033 Knowledge Requirements, Advanced Fire and Arson Career Development Seminar, IAAI, Medford, OR, 1/24-26/11, 8 hrs.

Fatal Fire Scene Investigations and Documentation, National Crime Scene Investigation Training Course, Eureka, CA, 4/13/11, 4 hrs.

Arson for Prosecutors, Santa Clara County Fire Investigation Task Force, Milpitas, CA, 4/17/11, 2 hrs.

Sustained Combustion of Bodies: Some Observations, IAAI, Las Vegas, NV, 5/2/11, 8 hrs tested

Forensic Fire Death Investigation (with Dr. Elayne Pope, Jim Allen, et al.), San Luis Obispo Fire Investigation Strike Team, San Luis Obispo, CA, 6/13-17/11, 40 hrs.

Fire Debris Sample Collection and Lab Analysis, Fire K9.org Conference, American Canyon, CA, 9/8/11, 2 hrs.

What Science Can and Cannot Tell Us in Fire/Arson Cases, The Center for American and International Law, Plano, TX, 8/25/11, 1 hr.

Sustained Combustion of Bodies: Some Observations, Illinois Chapter IAAI, Champaign, IL, 9/14/11, 4 hrs.

Combustion Explosions: Dust, Gas, Vapor (with Jack Malooly), Illinois Chapter IAAI, Champaign, IL, 9/15/11, 4 hrs.

Fire and Explosion Investigation (with Jack Malooly), Haverhill, Suffolk, UK, 9/26-30/11, 40 hrs.

What's New in Kirk's 7, IRIS Fire Investigations, Inc., Parker, CO, 10/25/11, 8 hrs.

Fire Investigation – The U.S. Perspective, Scottish Fire Service and Strathclyde University, Glasgow, Scotland, 11/10/11, 1 hr.

Low Energy Ignition and Fire Death Investigation, FireWise Consulting, Lethbridge, Alberta; Langley and Victoria, British Columbia, Canada, 11/15-18/11, 24 hrs.

Fire Deaths: Working Together to Get the Right Answers, Scottish Fire Service and Strathclyde University, Glasgow, Scotland, 12/8/11, 1 hr.

2012:

Fire and the Forensic Scientist, UC-Davis EXT 20, Introduction to Forensic Sciences, Davis CA, 3/9/12, 1 hr.

Forensic Fire Analysis: Pre- and Post-Flashover Fires, California Conference of Arson Investigators, San Luis Obispo, CA, 3/27-28/12, 16 hrs.

Advanced Fire Investigation, FireWise Consulting, Ottawa, Ontario, Canada, 4/2-3/2012, 16 hrs.

Fire and Arson Investigation (FOR215), U.C. Davis Extension, 4/25-6/13/12, 30 hrs., tested

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

- Fire Scene Reconstruction, New England Arson Seminar, Manchester, NH, May 21-25, 2012, 4 hrs.
- Forensic Fire Death Investigation (with Dr. Elayne Pope, Jim Allen, et al.), San Luis Obispo Fire Investigation Strike Team, San Luis Obispo, CA, 6/18-22/2012, 40 hrs.
- Arson Investigation-Fire Debris, AAFS FSEC, San Jose, CA, 7/12-13/2012, 1 hr.
- Fires, Explosions and the Forensic Lab, California Bureau of Forensic Services STEP Meeting, Monterey, CA, 8/1/12, 1 hr.
- Bilancia Ignition Matrix, CCAI Roundtable, Roseville, CA, 8/7/12, 1 hr.
- Fire and Explosion Investigations, with Jack Malooly, Gardiner Associates, Haverhill, Suffolk, UK, 9/3-6/2012, 32 hrs.
- Fire and Explosion Investigations, with Jack Malooly, Netherlands National Fire Service Academy, Arnhem, 9/10-12/12, 24 hrs.
- Fire Patterns and False Indicators, FireK9.org certification/training, San Diego, CA. 10/4/12, 3 hrs.
- Texas State Fire Marshal, Fire Dynamics/Investigation, Alvin, TX. 10/9-12/12, 32 hrs.
- Fire Death Investigation, FireWise, Consulting, Markham, Ontario, Canada November 12-13, 2012, 16 hrs.
- Fire Debris Workshop (with Wayne Moorehead), California Association of Criminalists, San Jose, CA. 11/5/12, 7 hrs.

2013:

- Texas State Fire Marshal, Fire Death Investigation, Houston, TX. 01/07/13, 8hrs.
- UC-Davis EXT 120 lecture, Fire and Explosion Forensics, 03/13/13, 1 hr.
- Texas State Fire Marshal, Fire Dynamics/Investigation, Houston, TX. 06/03/13, 8 hrs.
- NorCal Forensic Study Group, Fire Death Investigation, Martinez, CA. 06/11/13, 3 hrs.
- Forensic Fire Death Investigation (SLOFIST), San Luis Obispo Fire Investigation Strike Team, San Luis Obispo, CA, 06/24-28/13, 40 hrs, tested.
- FireWise Consulting, St. John's Newfoundland, Canada, 07/17-18/13, 16 hrs.
- Fire and Explosion Investigation (with John E. Malooly and Chris Case) Gardiner Course, Haverhill, Suffolk, UK. 09/09-12/13, 32 hrs.
- FireK9.org, New Canine Detection Issues, San Diego, CA. 10/04/13, 3 hrs.
- FireK9.org, Daubert and Fire Decisions on Canines, San Diego, CA 10/04/13, 3 hrs.
- Fire Dynamics/ Scene documentation and reconstruction (with live burns), FireWise Consulting, Merritt BC, Canada 10/21-25/13, 36 hrs.
- Advanced Report Writing (with D. Icove and R. Toth) CCAI, 11/18-20/13, 18 hrs.
- Accelerant Detection K-9 Issues, Texas State Fire Marshal, with Capt. T. Pleasant, Plano, TX, 12/3/13, 8hrs.

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

2014:

- Fire Scene Documentation, FI1B Southwestern College, Otay Mesa, CA, 02/11/14, 3 hrs.
Effects of Fire on Bodies: Forensic Fire Death Investigation, SLOFIST, June 23 – 27, 2014, 40 hrs. w/ E. Pope and others
GC/MS and SPME, CCAI Roundtable, Roseville, CA 08/05/14, 1 hr.
21st Century Ignitable Liquids – Challenges for Both Scene and Lab, Texas State Fire Marshal, San Antonio, TX, August 11 – 15, 2014, 1 hr.
Advanced Fire and Explosion Investigation, Haverhill, UK, September 8 – 11, 2014, 30 hrs. w/ Jack Malooly and Chris Case
Low Energy Ignition/ Fatal Fire Investigation, Toronto Fire Department (Ontario, Canada), October 14 – 15, 2014, 16 hrs. and Trenton/Quinte West (Ontario, Canada) October 16 – 17, 2014, 16 hrs.
Burning Questions in Fire Debris Analysis: Guardion Portable GC-MS, Joint CAC/NWAFS Fall Seminar (in cooperation with FireK9.org Annual Detection Conference and Certification Program), Rohnert Park, California, October 20-23, 2014, 1 hr.
Analysis and Documenting Fire Fatalities, East Texas Arson Investigators Seminar, Longview, Texas, November 11-14, 2014, 16 hrs., tested.

2015:

- Fire and Forensic Science, Pacific Union College, Angwin, California, February 19, 2015, 1 hr.
NFPA 1033: Comprehensive Review, CCAI, San Luis Obispo, CA, March 30 – April 3, 2015, 40 hrs. with Jim Allen
Fire Scene Documentation and Bilancia Matrix, Texas State Fire Marshal Quarterly Conference, Richardson, TX, May 12 – 14, 2015, 4 hrs.
Arson Convictions: Reviewing the Science – The Texas Experience, IAAI 66th Annual International Training Conference, Chicago, IL, May 17 – 22, 2015, with Chris Connealy and Kelly Kistner, 2 hrs.
Forensic Fire Death Investigation Course (SLOFIST), San Luis Obispo, CA, June 22 – 26, 2015
Advanced Fire and Explosion Course, Haverhill, United Kingdom, September 14 – 18, 2015, 20 hrs with Jack Malooly
Fatal Fire Investigation, Calgary, Alberta, Canada, October 5 – 6, 2015
Fatal Fire Investigation, Regina, Saskatchewan, Canada, October 8 -9, 2015
Fatal Fire Scenes and Fire Dynamics, Mississippi Fire Investigators Association, Vicksburg, MS, October 21 -22, 2015
Fatal Fire Investigation, South Texas Fire Investigators Association, South Padre Island, TX, November 18 – 19, 2015

2016:

- Documentation of Fire Scenes, 4 hrs, Investigation of Fatal Fires, 8 hrs, Fire Patterns, 2 hrs, Central Illinois Fire Investigators Association, East Peoria, IL, March 11 – 13, 2016

Appendix 2: Lectures and Courses Taught, 1974 – 2015 (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

A Forensic Fire Expert in Prosecution and Defense Cases, University of New Haven, April 29-30

Arson Investigation (FOR 215) UC-Davis Master's in Forensic Science, March – June 2016, 30 hrs

Fire Evidence and Lab Analysis, California Association of Criminalists, Workshop, Los Angeles, CA, May 2-3, 2016.

What Kills People in Fires and Post-Mortem Fire Damage, Forensic Fire Death Investigation Course, SLOFIST, San Luis Obispo, CA, June 20-24, 2016

Advanced Fire & Explosion Investigation, with Jack Malooly, Gardiner Associates, Suffolk UK, September 5-8, 2016, 32 hrs

Fire and Explosion Investigation, with Jack Malooly, Scottish Police Authority, Gartcosh, Scotland, September 12-14, 2016, 24 hrs

Fatal Fire Investigations, Documentation, Low Energy Ignition and Post-Flashover Fires, Firewise Consulting, Langley B.C., October 4-5, 2016, 16 hrs

Post-Flashover Fires and Indicators, fireK9.org, American Canyon CA, October 26, 2016

2017:

Report Writing for Public Sector Investigators, CCAI, San Luis Obispo CA, March 6, 2017, 4 hrs, tested

Working Relationships – Public and Private, (with Randy Watson), CCAI, San Luis Obispo CA, March 7, 2017, 2 hrs, tested

Fatal Fire Investigations, Pasadena Fire Marshals Conference, Pasadena TX, March 13-14, 2017, 15 hrs, tested

Appendix 3: Conferences and Seminars Attended and Special Events, 1999 – 2015

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

Conferences and Seminars Attended:

1999:

European Working Group on Fires and Explosions, Invited Participant, Glasgow, Scotland, 1999

Technical Working Group on Fires and Explosions (TWGFEX), Scenes and Training Committees, Orlando, FL, 1999

2000:

Australia/New Zealand Forensic Science Society Biennial Meeting, Gold Coast, Queensland, Australia, 2000

Third International Conference on Fire and Explosion Hazards, Windermere, U.K., Apr. 10-13, 2000

California Association of Criminalists, Spring Seminar, Napa, CA, May 10-12, 2000

California Conference of Arson Investigators, San Luis Obispo, CA, Jul. 10-12, 2000

Technical Working Group on Fires and Explosions (TWGFEX), Orlando, FL, Aug. 8-10, 2000

European Working Group on Fires and Explosions, European Network of Forensic Science Institutes, Cracow, Poland, Sept. 12-13, 2000

Forensic Anthropology Workshop, Calif. Association of Criminalists Fall Seminar, Oct. 11, 2000

Forensic Science Society Annual Meeting, Bromsgrove, U.K., Nov. 3-5, 2000

2001:

California Conference of Arson Investigators, San Luis Obispo, CA, Jan. 2001

American Academy of Forensic Sciences (ASTM E-30 Committee), Seattle, WA, Feb. 2001

Fire Technology and Research, Fire Research Station, Garston, U.K., Mar. 2001

California Association of Criminalists Semi-Annual Seminar, Lake Tahoe, CA, May 2001

Live, Learn, Pass It On Fire/Arson Conference, Gardiner Associations, Uxbridge, U.K., June 2001

Fingerprint Society, London, U.K., June 2001

California Conference of Arson Investigators, San Luis Obispo, CA, July 2001

InterFlam Fire Research and Science Conference, Edinburgh, Scotland, Sept. 2001

European Working Group on Fires and Explosions, Invited Participant (Explosions Committee), Lisbon, Portugal, Sept. 2001

California Association of Criminalists Semi-Annual Seminar, Los Angeles, CA, Oct. 2001

2002:

California Conference of Arson Investigators, Seaside, CA, Jan. 2002

California Association of Criminalists, San Francisco, CA, May 2002

**Appendix 3: Conferences and Seminars Attended
and Special Events, 1999 – 2015 (Continued)**
John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

International Association of Arson Investigators, Milwaukee, MN, May 2002
California Conference of Arson Investigators, Seaside, CA, July 2002
North/South Arson/Explosives Conference, July 2002
International Association of Forensic Sciences, Montpellier, France, Sept. 2002
Connecticut Chapter IAAI, Hartford, CT, Nov. 2002

2003:

California Conference of Arson Investigators, Seaside, CA, Jan. 13-14, 2003
Fire and Materials Conference, San Francisco, CA, Jan. 27-28, 2003
American Academy of Forensic Sciences Annual Meeting, Chicago, IL, Feb. 17-22, 2003
Forensic Science Society/CAC, Oxford, U.K., Mar. 19-22, 2003
IAAI Annual Meeting, Sparks, NV, Apr. 17-18, 2003
California Conference of Arson Investigators, Seaside, CA, July 20-21, 2003
California Association of Criminalists, San Diego, CA, Oct. 9-10, 2003
Technical Working Group on Fires and Explosions (TWGFEX), 3rd Annual Symposium for
Fire & Explosion Debris Analysis and Scene Investigation, Orlando, FL, Nov. 18-21,
2003

2004:

California Conference of Arson Investigators, Seaside, CA, Jan. 26-27, 2004
American Academy of Forensic Sciences Annual Meeting, Dallas, TX, Feb. 16-21, 2004
IAAI Annual Meeting, St. Louis, MO, Apr. 20-23, 2004
California Association of Criminalists Semi-Annual Seminar, San Mateo, CA, May 4-7,
2004
10th Annual InterFlam Conference, Edinburgh, Scotland, July 5-7, 2004
California Conference of Arson Investigators, Seaside, CA, July 26-28, 2004
Technical Working Group on Fires and Explosions (TWGFEX), 4th Annual Symposium for
Fire & Explosion Debris Analysis and Scene Investigation, Orlando, FL, Nov. 16-18,
2004

2005:

California Conference of Arson Investigators, San Luis Obispo, CA, Jan. 31 – Feb. 2, 2005
Fire & Materials Conference, San Francisco, CA, Feb. 1, 2005
American Academy of Forensic Sciences Annual Meeting, New Orleans, LA, Feb. 21-25,
2005
IAAI Annual Meeting, Washington, DC, Apr. 27-29, 2005
California Conference of Arson Investigators, San Luis Obispo, CA, July 18-20, 2005
(instructed and conducted explosion tests)

**Appendix 3: Conferences and Seminars Attended
and Special Events, 1999 – 2015 (Continued)**
John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

2006:

California Conference of Arson Investigators, San Luis Obispo, CA, Jan. 29 – Feb. 1, 2006
American Academy of Forensic Sciences Annual Meeting, Seattle, WA, Feb. 20-24, 2006
U.K./U.S. Fire Symposium, Santa Rosa, CA May 1-2, 2006
California Association of Criminalists, Concord, CA, May 8 and 12, 2006
International Fire Science and Investigation Symposium, Cincinnati, OH, June 26-28, 2006
NFPA Technical Committee on Fire Investigations, Cincinnati, OH, June 29-30, 2006
Fire/Explosion Cause and Origin Investigations in California, San Francisco, CA, July 14,
2006
California Conference of Arson Investigators, San Luis Obispo, CA, July 17-18, 2006
Electrical and Natural Gas Distribution Systems, California Conference of Arson
Investigators Roundtable, Lincoln, CA, Sept. 5, 2006
No. California Regional Meeting on Science and the Law, Judicial Council of California,
Sacramento, CA, Oct. 19, 2006
Technical Working Group on Fires and Explosions (TWGFEX), 6th Annual Symposium for
Fire & Explosion Debris Analysis and Scene Investigation, Orlando, FL, Nov. 13-16,
2006

2007:

Fire & Materials Conference, San Francisco, CA, Jan. 29-31, 2007
American Academy of Forensic Sciences Annual Meeting, San Antonio, TX, Feb. 19-22,
2007
California Conference of Arson Investigators, San Luis Obispo, CA, Mar. 26-27, 2007,
20 hrs., tested
IAAI Annual Training Conference, Victoria, BC, Canada, Apr. 30 – May 3, 2007, 24 hrs.
California Association of Criminalists, Garden Grove, CA, May 9-10, 2007
Interflam, Egham, U.K., Sept. 2-5, 2007
California Association of Criminalists, Berkeley, CA, Oct. 17-18, 2007
California Conference of Arson Investigators, San Luis Obispo, CA, Nov. 5-7, 2007 (taught)

2008:

American Academy of Forensic Sciences Annual Meeting, Washington, DC, Feb. 18-23,
2008 (plus 8 hr. workshop on fire/arson experts)
California Conference of Arson Investigators, San Luis Obispo, CA, Mar. 3-5, 2008
(attended Electrical Ignition Processes lecture)
California Association of Criminalists, San Diego, CA, May 5-9, 2008
California Conference of Arson Investigators, San Luis Obispo, CA, June 23-25, 2008
International Association of Forensic Sciences, New Orleans, LA, July 23-25, 2008
(program moderator)

**Appendix 3: Conferences and Seminars Attended
and Special Events, 1999 – 2015 (Continued)**
John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

California Conference of Arson Investigators, San Luis Obispo, CA, Nov. 3-5, 2008
(attended NFPA 921 lecture, plus 3 hr. panel discussion)

2009:

Fire and Materials Conference, San Francisco, CA, Jan 26-28, 2009
The Principles of Electrical Fires (Course), San Francisco, CA, Jan. 29-30, 2009, not tested
16 hrs.
American Academy of Forensic Sciences Annual Meeting, Denver, CO, Feb. 14-20, 2009
California Conference of Arson Investigators, San Luis Obispo, CA, Mar. 30-Apr. 1, 2009
IAAI, Annual Training Conference, Arlington, TX, May 18-21, 2009, tested, 24 hrs.
NFPA 921 (Fire Cause Analysis), Roseville, CA, July 30, 2009
California Conference of Arson Investigators, San Luis Obispo, CA, Nov. 8, 2009, 8 hrs.

2010:

American Academy of Forensic Sciences Annual Meeting, Seattle, WA, Feb. 23-26, 2010
California Association of Criminalists, Yosemite, CA, April 21-23, 2010
Advanced Explosive Recognition, Tulare, CA, May 8, 2010, tested 8 hrs.
Fire Investigation – where do we go now?, International Symposium on the Forensic
Sciences, Sydney, Australia, Sept.9, 2010, 8 hrs.
California Association of Criminalists, Oakland, CA, Oct. 3-6, 2010
Leica Geosystems HDS Worldwide User Conference, San Ramon, CA, Oct. 25-26, 2010
California Conference of Arson Investigators, San Luis Obispo, CA, Nov. 8, 2010, 8 hrs.

2011:

Fire & Materials Conference, San Francisco, CA, Jan. 30 – Feb. 2, 2011, 24 hrs.
Regulatory Fire Testing (class), San Francisco, CA, Feb. 3, 2011, 8 hrs.
American Academy of Forensic Sciences Annual Meeting, Chicago, IL, Feb. 21-25, 2011
California Conference of Arson Investigators, San Luis Obispo, CA, Mar. 29-30, 2011
IAAI, Annual Training Conference, Las Vegas, NV, May 1-6, 2011, tested, 34 hrs.
Advanced Explosive Recognition, Tulare, CA, May 14, 2011, tested 8 hrs.
California Association of Criminalists, Long Beach, CA, May 18-20, 2011
San Jose State University, AAFS, Forensic Science Educators Conference, Aug. 14, 2011
Marine Vessel Fire Investigation, Sacramento, CA, Oct. 4, 2011, 8 hrs.
California Association of Criminalists, Sacramento, CA, Oct. 26, 2011
Scottish Fire Authority Fire Investigation Workshop, Glasgow, Scotland, Nov. 10-11, 2011
Scottish Fire Authority Fire Death Investigation Workshop, Glasgow, Scotland, Dec. 8-9,
2011

**Appendix 3: Conferences and Seminars Attended
and Special Events, 1999 – 2015 (Continued)**
John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

2012:

FLUKE, Temperature Measurement, Sacramento, CA, February 1, 2012, 3 hrs.
American Academy of Forensic Sciences Annual Meeting, Atlanta, GA, Feb. 19-23, 2012
CFITrainer.Net, Scientific Method, online, Feb. 2012, tested 3 hours
CFITrainer.Net, Ethics and the Fire Investigator, online, Feb. 2012, tested 3 hours
CFITrainer.Net, A Ventilation-Focused Approach to the Impact of Building Structures and
Systems on Fire Development, online, Feb. 2012, tested 4 hours
UC Davis, The Daubert Hearing, Davis, CA, March 2, 2012, 7 hrs.
Wildland Fire Litigation Conference, Sacramento, CA, Apr. 20-22, 2012
IAAI, Annual Training Conference, Dover, DE, Apr. 22-24, 2012
Explosive Dynamics and Effects. CVAI, Tulare, CA, May 12, 2012, tested 8 hours
California Association of Criminalists (Study Group), Hayward, CA, May 31, 2012
Forensic Science Seminar, Texas Forensic Science Commission, Austin, TX, June 4-5, 2012
ISFI, University of Maryland, Hyattsville, MD, Oct. 15-17, 2012
California Conference of Arson Investigators, San Luis Obispo, CA. Oct. 29-31, 2012, tested,
20 hrs.
California Association of Criminalists, San Jose, CA, Nov. 5-9, 2012
California Association of Criminalists, ATF/FBI Improvised Explosive Device Workshop,
San Jose, CA. Nov. 6, 2012, 7 hrs.
California Association of Criminalists, Semi Annual Seminar, San Jose, CA. 11/7-9/12.
California Conference of Arson Investigators, Health Hazards, Roseville, CA, 11/27/12, 1 hr.
CCAI Vehicle Fire Patterns, Corona, CA. 12/11/12, 5 hrs.

2013:

Appointed to Texas State Fire Marshal's Scientific Advisory Working Group to provide
state-of-art training, post-conviction reviews, cold case reviews and peer review on
current State Fire Marshal cases. Training lectures 1/7-8, case reviews 1/9-10, 2013
Fire and Materials, San Francisco, CA. 01/28-30/13, 20 hrs.
American Academy of Forensic Sciences, Washington D.C., 2/17-21/13, 10 hrs.
Texas State Fire Marshal Conference, Fire Dynamics/Investigation, Plano, TX. 04/8-11/13
and Houston, TX, 06/3-6/13.
Serial Arsonists, Las Vegas, NV. 05/20-23/13, 30 hrs.
California Conference of Arson Investigators, RV Fires, Roseville, CA, 08/06/13, 1.5 hrs.
Texas State Fire Marshal Conference, Canines, Plano, TX. 12/2-5/13

2014:

Texas State Fire Marshal Conference, Corpus Christi, TX, February 24 – 27, 2014
Bombs and Bombers, Los Angeles, CA, April 28 – 30, 2014, 20 hrs.
Explosives Dynamics and Identification, Central Valley Arson Investors, Tulare, CA,
May 10, 2014, 8 hrs.

**Appendix 3: Conferences and Seminars Attended
and Special Events, 1999 – 2015 (Continued)**
John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

Texas State Fire Marshal Conference, Plano, TX, May 13 – 16, 2014
Texas State Fire Marshal Conference, San Antonio, TX, August 12 – 14, 2014
Electrical Causes of Fires, ATF, El Dorado Hills, CA, September 17 – 18, 2014, 16 hrs.
CAC Semi-Annual Seminar, Rohnert Park, CA, October 22 – 23, 2014
CCAI Roundtable 3, Roseville, CA, Grow-Op and Hash Oil Fires, Vic Massenkoff,
November 5, 2014, 1.5 hours
CFITrainer.Net, Fire Investigator Scene Safety, online, December 19, 2014, tested, 3 hours
Texas State Fire Marshal Conference, Plano, TX, December 8 – 11, 2014, 8 hrs.

2015:

Serial/Wildland Arson Investigation Conference, Reno, NV, February 9 – 11, 2015, 10 hrs.
Interscience Communications: Fire and Materials 2015, San Francisco, CA,
February 2 – 4, 2015, 16 hrs.
Texas State Fire Marshal Conference, Richardson, TX May 11 – 14, 2015, 12 hrs.
IAAI 66th Annual International Training Conference, Chicago, IL, May 17 – 22, 2015

2016:

CCAI Roundtable 3, Roseville CA, Boat Fires, Don Perkins, Feb. 9, 2016, 1.5 hrs
CFITrainer.net, Understanding fire through candle experiments, April 5, 2016,
4 hrs, tested

2017:

East Texas Fire & Arson Conference, Burn to Learn (Jamie Novak), February 6-7, 2017,
Tarrant County, TX, 8 hrs, not tested
Fire and Materials Conference, San Francisco CA, February 8, 2017
CFITrainer.net, Physical Evidence at the Fire Scene, April 1, 2017, 4 hrs, tested
CFITrainer.net, Accreditation, Certification, and Certificates, April 1, 2017, 3 hrs, tested

**Appendix 3: Conferences and Seminars Attended
and Special Events, 1999 – 2015 (Continued)**
John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

Special Events:

Assisted CADA with annual canine certification, Long Beach, CA, May 2001
Assisted Alliance Productions with Learning Channel program on human combustion, Sept. 2001
Assisted Marin County Arson Task Force/State Fire Marshal with Live-Burn Training, March 2001
Interview – Spontaneous Human Combustion, for Topspin Creative Corp., Japanese Television, 6/13/03
Interview – Spontaneous Human Combustion, for Seoul Broadcasting Co., Korean Television, 7/1/03
Interview and Filming – Great Chicago Fire 1871, for Discovery Channel Television, Ventura, CA, 7/24 – 26/03 (broadcast 11/26/03)
Proctor, Forensic Science Society, Fire Investigation Diploma Exam, London, U.K., 9/10/04
Interview and Filming – Spontaneous Human Combustion, for National Geographic Television, 12/3/04
Member, U.S. Dept. of Justice, NIJ Research Grant Review, 2006
Member, U.S. Dept. of Justice, NIJ Graduate Research Fellowship Review Panel, 2007
Live Burns, Public Agency Training Council, Ponca City, OK, 7/15 – 17/07
Interview and Burn Tests – Spontaneous Human Combustion, for Discovery Channel Television, Vallejo, CA, 5/28/08 (interview), and Kelso, WA, 7/9/08 (burn tests)
Research – Ivory Burn Tests, NFWS Lab, 10/8/08
Interview – “Verdict” Television Program, Vallejo, CA, 12/4/08
Assisted MFS graduate student, U.C.-Davis, post-fire tissue samples, 2009-10
Assisted M.S. graduate student (anthropology), Cal State University – Chico, fire test, 2010
Assisted FireK9.org with canine certification tests, American Canyon, CA, Sept. 8, 2011, also San Diego, CA 10/12/13 and 10/13/13.
Member, Texas State Fire Marshal Scientific Advisory Working Group, 2012 – 2016.
Interview – “True Crime with Aphrodite Jones – Smallwood Case” San Francisco, CA 08/21/13
Assisted Fire K9.org with canine certification tests, Rohnert Park, CA, 10/22 – 23/14
Assisted FireK9.org with canine certification tests, American Canyon, 10/27-29/15
Assisted FireK9.org with canine certification tests, American Canyon, 10/25-27/16
Supported student intern from Eastern Kentucky University, June – November 2016
Participated in site inspection for Attorney General of Mexico re: suspected disposal site of bodies of 43 “disappeared” students (in September 2014), 3/8/16
Media Interview on Karen Boes case, Netflix, November 7, 2016
Radio Program (recording), Speaking of Fire, November 21, 2016

Appendix 4: Depositions

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

<u>Date</u>	<u>Location</u>	<u>Case/Attorney</u>
Mar. 30, 1998	Santa Rosa, Calif. Arson	Snowden v. Fire Insurance Exchange (Civil) Kevin Smith
July 14, 1999	Phoenix, Arizona Accidental fire	Employer's Mutual v. Newton Contracting, et al. (Civil) G. Lynn Shumway
Aug. 3, 1999	Chicago, Illinois Accidental fire	Chicago Dubuque Foundry v. Employer's Mutual (Civil) Jill Augustine
Oct. 11, 1999	Oakland, Calif. Accidental fire	Kaler v. Ford Motor Co. (Civil) Steve Cavalli
Feb. 4, 2000	Berkeley, Calif. Accidental fire	Muller v. Salgado (Civil) Stephen M. Tamchin
Aug. 25, 2000	Little Rock, Arkansas Structure fire	Foster's Welding v. Clausen Miller (Civil) Mark G. Breeding
Sept. 8, 2000	San Francisco, Calif. Accidental fire	Sharpe Consol. v. Bay Valley Pizza (Civil) Roy G. Gunter III
Dec. 19, 2000	Wichita, Kansas Structure fire	Cottingham v. Employees Fire Insurance (Civil) Thomas Gilman
Feb. 12, 2001	San Francisco, Calif. Accidental structure fire	Commercial Union Insurance v. Westridge Bldrs. (Civil) Kevin Cholakian
Sept. 5, 2001	Oakland, Calif. Accidental structure fire	SynCor v. Image Engineering (Civil) Dale Davis
Sept. 25, 2001	San Francisco, Calif. Structure/tire fire	Petrillo v. Tire Broker (Civil) Kevin Cholakian
Jan. 10, 2002	Broward Co., Florida Arson/homicide	Peo. v. Pourghafari (Criminal) Asst. State Attorney Brian Cavanagh
Mar. 11, 2003	San Francisco, Calif. Structure fire	Hernandez v. Atlas Care Enterprises (Civil) John Supple

Appendix 4: Depositions (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

<u>Date</u>	<u>Location</u>	<u>Case/Attorney</u>
Apr. 25, 2003	Sacramento, Calif. Structure fire	Armstrong v. PG&E, et al. (Civil) David H. Rush
May 1, 2003	San Francisco, Calif. Accidental structure fire	Patrick Ellwood v. McLaughlin Renovation & Construction, et al. (Civil) J. Martin Sproul
May 9, 2003	Burlington, Vermont Accidental structure fire	Ayer v. Delibac Construction (Arbitration Hearing) Michael S. Brow
Nov. 3, 2004	Vallejo, Calif. Arson	Timothy Nicholls v. American Family Mutual Ins. Co. (Civil) Richard Tegtmeier
Dec. 3, 2004	Oakland, Calif. Accidental structure fire	Patrick Ellwood v. McLaughlin Renovation & Construction (Civil) J. Martin Sproul
Jan. 13, 2005	Gold River, Calif. Structure fire	RWIC v. Curtis Roofing, et al. (Civil) Steven M. Heller
Jan. 21, 2005 Feb. 7, 2005	Vallejo, Calif. Fire death	Latta v. LaPorte Co., et al. (Civil) (Part I and II) April L. Board
Apr. 15, 2005	Vallejo, Calif. Arson	Railway Transfer & Storage v. Great American Insurance (Civil) (Part I) James K. Reuss
June 14, 2005	Vallejo, Calif. Fire deaths	Estate of Deborah McGinnis v. Rex Nicoud, et al. and Richard Laster v. Rex Nicoud, et al. (Civil) Steven A. Kraemer
Sept. 22, 2005	Vallejo, Calif. Arson	Railway Transfer & Storage v. Great American Insurance (Civil) (Part II) James K. Reuss
Oct. 21, 2005	Phoenix, Arizona Accidental structure fire	Roberge v. Stigsell Painting (Civil) Robert H. Willis
Oct. 28, 2005	Clearwater, Florida Arson	Florida v. Shawn Porter (Criminal) Denis M. deVlaming

Appendix 4: Depositions (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

<u>Date</u>	<u>Location</u>	<u>Case/Attorney</u>
Nov. 3, 2005	Los Angeles, Calif. Fire death	Argudo v. Rodriguez (Civil) (Part I) Atty. George Wilsher
Jan. 4, 2006	W. Warwick, RI Structure fire	Style Plating and Donna Bea Realty v. Peerless Insurance, et al. (Civil) Atty. Lawrence L. Goldberg
Feb. 27, 2006	Los Angeles, Calif. Fire death	Argudo v. Rodriguez (Civil) (Part II) Atty. Maryann P. Gallagher
Mar. 9, 2006	Walnut Creek, Calif. Accidental wildland fire	National Union v. Pacific Gas & Electric (civil) Thomas Donnelly, Richard DeNatale, and Philip H. Kelley
Apr. 10, 2006	Los Angeles, Calif. Fire death	Argudo v. Rodriguez (Civil) (Part III) Atty. Maryann P. Gallagher
Apr. 18, 2006	Los Angeles, Calif. Structure fire	International Recording v. Sequoia Insurance (Civil) Atty. Gary Hamblet
May 3, 2006	San Jose, Calif. Accidental structure fire	State Farm v. Herring & Worley, Inc. (Civil) Atty. Garry J. D. Hubert
Nov. 29, 2006	Denver, Colo. Fire death	Estate of Elizabeth Jones Atty. Gregory Giometti
June 11, 2007	Vallejo, Calif. Structure fire	Stueber v. Integrity Insurance Co. (Civil) Atty. Robert G. LeBell
June 14, 2007	San Antonio, Texas Fire death	Garcia v. K-Mart (Civil) Atty. Robert E. Valdez
Mar. 28, 2008	Berkeley, Calif. Structure fire/arson	Amica Mutual Insurance v. John and Deborah Haverland and Amtrust Bank (Civil) Atty. Gregory R. Giometti
Apr. 28, 2008	Vallejo, Calif. Accidental structure fire	Cyrus Washington v. State Farm Insurance (Civil) Atty. Katherine Paine Martin

Appendix 4: Depositions (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

<u>Date</u>	<u>Location</u>	<u>Case/Attorney</u>
Aug. 26, 2008	Honolulu, Hawaii Structure/wildland fire	Wesley Murakami, et al. v. Hamakua Macadamia Nut Co. (Civil) Atty. Archie T. Ikehara
Oct. 2, 2008	Houston, Texas Structure fire	Juan Washington v. Ford Motor Company, et al. (Civil) Atty. Chandler A. Langham
Feb. 3, 2009	Citrus Heights, CA Fatal structure fire	People v. Costea (Civil) Atty. Douglas A. Sears
Mar. 16, 2009	Menlo Park, CA Structure fire	Jim Heierle, et al. v. W. W. Granger, et al. (Civil) Atty. D. Douglas Shureen
Aug. 28, 2009	San Francisco, CA Structure fire	The Travelers Lloyds Ins. Co./J. E. Kingham Const. Co. v. The Sherwin- Williams Co. (Civil) Atty. Joshua Wall
Nov. 28, 2009	Vallejo, CA Arson – Homicide	Gordon Randy Steidl v. City of Paris, et al (Civil) Atty. Elizabeth A. Ekl
Dec. 4, 2009	Woodland Hills, CA Fatal structure fire	Maropulos v. Los Angeles Sheriff's Office (Civil) Atty. Raymond Sakai
Jan. 6, 2010	Vallejo, CA Structure fire	American Family Mutual Insurance Co. v. Michael E. Diehl, et al (Civil) Atty. William R. Wick
Oct. 16, 2010	Vallejo, CA Fatal flammable liquid fire	Boykin v. Unifirst Corp. (Civil) Charles L. Henshaw, Jr.
May 16, 2011	Oakland, CA Structure Fire	Western Heritage Insurance Co. v. Johnson et. AL (Civil) Robert M. Maltz
June 9, 2011	Washington DC Petroleum barge explosion	United States v. Egan Marine, Inc., et al. (Civil) Robert E. Kelly

Appendix 4: Depositions (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

<u>Date</u>	<u>Location</u>	<u>Case/Attorney</u>
Aug. 9, 2011	San Francisco, CA Fatal arson fire	George A. Souliotes v. Anthony Hedgpeth, Warden, et al. habeas appeal (Civil) DAG Kathleen A. McKenna
Oct. 10-11, 2011	Sacramento, CA Wildland fire	United States v. Sierra Pacific Industries, Inc., et al. (Civil) Meghan Baker
Dec. 30, 2011	San Francisco, CA Fatal arson fire	George A. Souliotes v. Anthony Hedgpeth, Warden, et al. habeas appeal (Civil) DAG Kathleen A. McKenna
May 16, 2012	Oakland, CA Bedroom wall fire	Western Heritage Insurance Company v. Kristen Johnson, (Civil) Atty. Robert M. Maltz
March 27, 2013	Oakland, CA Structure fire	Crusader Insurance v. McGaha, (Civil) Atty. Stephen A. Mason
May 27, 2015	Oakland, CA RV refrigerator fire	Nix v. Norcold, Thetford & DKM, (Civil) Atty. Terrance Beard
July 2, 2015	Walnut Creek, CA Residence fire	Shawn Porter v. Nationwide Insurance Company of Florida, (Civil) Atty. Craig Kubiak
July 29, 2015	Oakland, CA Fatal fire	City of Vallejo v. Todd Milan, (Civil) Atty. Carolee Kilduff

Appendix 5: Court Testimony – 1992 to Date

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

<u>Testimony Date</u>	<u>Court/Matter</u>	<u>Defendant/Attorney</u>
Mar. 18, 1992	El Dorado Co. Superior Court (Calif.) Attempted murder	(S) Jacobson, Walter DDA Paul Sutherland
Feb. 8, 1993	Riverside Co. Superior Court (Calif.) Attempted murder/arson	(S) Burrell, Bennie DDA Allison Nelson
Sept. 7, 1994	Sacramento Co. Superior Court Sacramento, Calif. Arson/fraud (preliminary)	(S) Hagen, Nels DDA Mark Zahner
June 18, 1996	Yolo Co. Superior Court (Calif.) Pipe bomb	(S) Campaigne, David PC 12303.3 DA Chris Bulkley
Aug. 1996	Sacramento Co. Superior Court Sacramento, Calif. Arson/fraud (vehicle)	(S) Dang, Xuan Mai PC 451 DDA Alan Hengel
Nov. 5, 1996	U.S. District Court Pensacola, Florida Arson/explosion	(S) Houston, Bridgette AUSA Steve Preisser
Jan. 29, 1997	Shasta Co. Superior Court (Calif.) Arson (structure)	(S) Larramendy, Mark PC 451 DDA Brent Ledford
Feb. 4, 1997	Mendocino Co. Superior Court (Calif.) Arson/multiple homicide	(S) Lester, Gerald PC 187/451 DDA Robert Maloney
May 23, 1997	U.S. District Court Des Moines, Iowa Fatal arson (commercial) (appeal)	(S) Ryan, Dale AUSA Linda Reade
Aug. 1-4, 1997	Preliminary (C-007-96)	(S) Guluarte/Yee
Oct. 10, 1997	Santa Cruz Co. Superior Court (Calif.) Attempted acetylene bombing	(S) Guluarte/Yee DDA Jeff Rosell

Appendix 5: Court Testimony – 1992 to Date (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

<u>Testimony Date</u>	<u>Court/Matter</u>	<u>Defendant/Attorney</u>
Mar. 25, 1998	Sacramento Co. Superior Court Sacramento, Calif. Fire reconstruction, arson, body combustion	(S) Ford, Mariet PC 187/457 DDA Mark Curry
June 9, 1998	Napa Co. Superior Court Napa, Calif. Shoeprint, scene reconstruction	(S) Danielson, David 187 PC DDA Robert Greggins
Nov. 18, 1998	San Mateo Co. Superior Court (Calif.) Fire reconstruction, flash point	(S) Miller, Charles C-002-98 DDA Mark Bossenecker
Jan. 14, 1999	U.S. District Court Central Illinois District Champaign, Illinois Arson/fraud, origin and cause	(S) Gardner, Ruby AUSA Larry Beaumont
Mar. 16, 1999	Stanislaus Co. Superior Court Modesto, Calif. Arson/homicide, natural gas deflagration	(S) Souliotes, George DDA Dave Harris
Apr. 6, 2000	Los Angeles Co. Superior Court Pasadena, Calif. Arson, natural gas deflagration	(S) Kyle, Kermit DDA Marian Thompson
July 6, 2000	Los Angeles Co. Superior Court San Fernando, Calif. Arson/homicide, flammable liquids	(S) Nieves, Sandi DDA Beth Silverman
July 21, 2000	Ventura Co. Superior Court Ventura, Calif. Explosive device, flammable liquids	(S) Raville, Brad DDA Chris Harman
July 28, 2000	Santa Clara Co. Superior Court San Jose, Calif. (preliminary) Homicide	(S) Guerrero/Martinez DDA Matt Harris
Oct. 20, 2000	Wise Co. Criminal Court Wise, Virginia Arson/homicide	(S) Riner, Doug Atty: Tom Scott, Jr.

Appendix 5: Court Testimony – 1992 to Date (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

<u>Testimony Date</u>	<u>Court/Matter</u>	<u>Defendant/Attorney</u>
Dec. 20, 2000	Reno Co. Superior Court Hutchinson, Kansas Arson (structure)	(S) Ferguson, Eileen Defense: Stephen Joseph
Jan. 10, 2001	Queensland Criminal Court Brisbane, Australia (telephonic) Arson/homicide	(S) Long, Robert Prosecutor: Michael Byrne
Jan. 12, 2001	331 st District Court Austin, Texas Arson/homicide	(S) Hill, William Ethridge Atty: Randy Leavitt
Apr. 16, 2001	Clark Co. Superior Court Las Vegas, Nevada Homicide	(S) Rudin, Margaret Atty: Tom Pitaro
May 1, 2001	Santa Clara Co. Superior Court San Jose, Calif. Homicide	(S) Guerrero, Gary Atty: DDA Matt Harris
June 6, 2001	Crown Court (video) Christchurch, New Zealand Arson/homicide	(S) Harmer, Kevin Lionel New Zealand Police Service
June 15, 2001	Coos Co. Superior Court Coquille, Oregon Arson/homicide	(S) Smith, Alby Atty: Ralph Monson
Oct. 10, 2001	San Francisco Co. Superior Court Civil Division San Francisco, Calif. Arson (structure/tires)	Petrillo v. The Tire Broker (S) Nevaer/Brennan Atty: Kevin Cholakian
Jan. 24, 2002	Cook Co. States Attorney Circuit Court Chicago, Illinois Arson/homicide	(S) Hoble, Madison States Atty: William Carroll
Feb. 5, 2002	Skagit Co. Superior Court Mt. Vernon, Washington Arson	(S) McDonald, Steven Atty: Pro se.

Appendix 5: Court Testimony – 1992 to Date (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

<u>Testimony Date</u>	<u>Court/Matter</u>	<u>Defendant/Attorney</u>
Mar. 8-9, 2002	High Court Brisbane QLD, Australia Arson/multiple homicide	(S) Long, Robert Queensland Crown Prosecution
Apr. 25, 2002	9 th District Court (Grand Jury) Rapides Parish, Louisiana Arson/multiple homicide	Louisiana v. Amanda Gutweiler Hypes ADA Thomas Walsh, Jr.
June 4-5, 2002	278 th District Court Madison Co., Texas Arson/multiple homicide	Texas v. Raphael Holiday DAG Laura Popps
June 6, 2002	23 rd District Court Brazoria Co., Texas Arson/multiple homicide	Texas v. Sadie Proffitt DA Jeri Yenne
Aug. 6-19, 2002	High Court, Canterbury District Christchurch, New Zealand Arson/homicide	R. v. Kevin Lionel Harmer Chris McVeigh, Q.C., Crown Counsel
Oct. 11, 2002	Halton District Court Milton, Ontario, Canada Arson/homicide	R. v. Anne Langkamm Charon Kerr, Crown Counsel
Oct. 17, 2002	Chelmsford Crown Court Chelmsford, Essex, U.K. Homicide	R. v. Ian Jarvis Jeremy Gompertz, Q.C., Crown Counsel
Feb. 13, 2003	20 th Circuit Court Ottawa Co., Michigan Arson/homicide	Michigan v. Karen Boes Jon Hulsing, Prosecutor
June 12, 2003	Circuit Court Multnomah Co., Oregon Arson	Oregon v. Thomas Calkins Atty: Pat Birmingham
Oct. 27-28, 2003	9 th District Court (Daubert Hearing) Rapides Parish, Louisiana Arson/multiple homicide	Louisiana v. Amanda Gutweiler Hypes ADA Thomas Walsh, Jr.
Jan. 13-14, 2004	17 th Circuit Court Kent Co., Michigan Arson/homicide	Michigan v. Leon Wilson DA William Forsyth

Appendix 5: Court Testimony – 1992 to Date (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

<u>Testimony Date</u>	<u>Court/Matter</u>	<u>Defendant/Attorney</u>
Apr. 19, 2004	17 th Circuit Court Broward Co., Florida Arson/homicide	Florida v. Kazem Pourghafari Asst. State Attorney Brian Cavanagh
Oct. 26-27, 2004	9 th District Court (Daubert Hearing) Rapides Parish, Louisiana Arson/multiple homicide	Louisiana v. Amanda Gutweiler Hypes ADA Thomas Walsh, Jr.
Jan. 11, 2005	District Court (Evidentiary Hearing) Johnson Co., Kansas Arson/multiple homicide	Kansas v. Debora Green DA Paul J. Morrison
Oct. 12, 2005	San Francisco Co. Superior Court San Francisco, Calif. Arson/homicide	California v. Ortiz DDA Dennis Cashman
Jan. 10, 2006	San Joaquin Co. Superior Court Stockton, Calif. Arson	California v. Bryan Johnson Atty: Armando Villapudua
Feb. 13-14, 2006	Stark Co. Court of Common Pleas Canton, Ohio Arson	Railway Transfer & Storage v. Great American Insur. (Civil) Atty: James K. Reuss
Aug. 1-2, 2006	Pomona Superior Court Pomona, Calif. Fire death	Argudo v. Rodriguez Atty: Maryann P. Gallagher Atty: George P. Wilsher
Oct. 2-3, 30, 2006	Sonoma Co. Superior Court Santa Rosa, Calif. Wildland fire	National Union v. PG&E Atty: Richard DeNatale
Dec. 19, 2006	U.S. District Court, Eastern Dist. of Texas, Sherman, Texas Arson	U.S. v. Curtis Ray Severns AUSA Tracey M. Batson
Dec. 21, 2006	Napa Co. Superior Court (Preliminary Hearing) Napa, Calif. Arson/homicide	California v. Joben Lombardi DDA Paul Gero

Appendix 5: Court Testimony – 1992 to Date (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

<u>Testimony Date</u>	<u>Court/Matter</u>	<u>Defendant/Attorney</u>
Feb. 8, 2007	San Mateo Co. Superior Court (Grand Jury) San Mateo, Calif. Arson/homicide	(S) Charles E. Schuttloffel DDA Sean F. Gallagher
Mar. 13, 2007	18 th Judicial District Court (Post-Conviction Appeal Hearing) Sedgwick Co., Kansas Arson/homicide	Boorigie v. State of Kansas Atty: Stephen M. Joseph
Apr. 16, 2007	El Paso Co. District Court, 4 th Judicial District Colorado Springs, Colorado Arson/multiple homicide	Colorado v. Timothy Nicholls Sr. DDA William B. Bain
Nov. 13, 2007	Contra Costa Co. Superior Court Martinez, Calif. Arson/homicide	California v. Mark Fregia Atty: Lawrence D. Barnes
Apr. 23, 2008	Los Angeles Co. Superior Court Glendale, Calif. Arson/structure fire	Sequoia Insurance v. International Recording Corp. (Civil) Atty: Gary A. Hamblet
May 16, 2008	Boulder Co. District Court, 20 th Judicial District Boulder, Colorado Arson/structure fire	Amica Mutual Insurance v. John and Deborah Haverland and Amtrust Bank (Civil) Atty: Gregory R. Giometti
June 6, 2008	Napa Co. Superior Court (Preliminary Hearing) Napa, Calif. Arson/structure fire	California v. Jasen Meyn DDA Bryan Tong
June 20, 2008	San Francisco Co. Superior Court San Francisco, Calif. Structure fire	Heather Gillen v. Steve and Gabrielle Papale (Civil) Atty: Michael Mazzone
Sept. 15, 2008	Vancouver Law Courts Vancouver, British Columbia, Canada Arson/multiple homicide	R. v. Nathan Fry Kerr Clark and Jason Krupa, Crown Counsels

Appendix 5: Court Testimony – 1992 to Date (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

<u>Testimony Date</u>	<u>Court/Matter</u>	<u>Defendant/Attorney</u>
Oct. 13, 2008	State Court (Daubert Hearing) Fulton Co., Georgia Structure fire	Juan Washington v. Ford Motor Company, et al. (Civil) Atty: Clay Guise
Nov. 10 and 12, 2008	El Paso Co. District Court, 4 th Judicial District Colorado Springs, Colorado Arson/multiple homicide	State of Colorado v. Deborah Nicholls DDA Jeffrey Lindsey
Nov. 14, 2008	Napa Co. Criminal Court Napa, Calif. Residential arson	State of California v. Jasen Meyn DDA Bryan Tong
June 8, 2009	United States District Court for District of Kansas, Wichita, KS Structure fire	Scottsdale Insurance v. McReynolds (Civil) Atty: Christopher M. McHugh
July 2, 2009	Napa Co. Criminal Court Napa, Calif. Residential arson	State of California v. Jasen Meyn DDA Bryan Tong
Oct. 20, 2009	Decatur Co. Superior Court, Greensburg, IN Arson homicide	People v. Bunch Atty: Jane Raley Post-conviction appeal
Jan. 4, 2010	Brazoria Co. 239 th District Court, Angleton, TX Arson	State of Texas v. Clifton Earl Polk II DA: Jeri Yenne
Mar. 17 & 22, 2010	King County Superior Court, Seattle, WA Arson/homicide	State v. Conner Schierman Atty: James Conroy SCRAP
Apr. 8, 2010	Benton County Superior Court Kennewick, WA Arson	State of Washington v. Richard J. Hammer Atty: Gary Metro
Apr. 20, 2010	Napa County Superior Court Napa, CA Arson	People v. Jasen F. Meyn DDA: Bryan Tong

Appendix 5: Court Testimony – 1992 to Date (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

<u>Testimony Date</u>	<u>Court/Matter</u>	<u>Defendant/Attorney</u>
May 5, 2010	Tolland County Superior Court Rockville, CT Arson/homicide	Post conviction appeal Atty: Paul Casteleiro
May 26, 2010	Benton County Superior Court Kennewick, WA Arson	State of Washington v. Richard Hammer Atty: Gary Metro Re-trial
August 3, 2010	Los Angeles, CA Fatal structure fire	Maropulos v. Los Angeles Sheriff's Office (Civil) Atty. Raymond Sakai
Nov. 17, 2010	U.S. District Court – South Texas Corpus Christi, TX Structure Fire	The Travelers Lloyds Ins. Co./ J.E. Kingham Const. Co. v. The Sherwin-Williams Co. (defense) Atty: Joshua Wall
Jan. 7, 2011	Texas Forensic Science Commission Austin, TX (Hearing)	Willingham
Jan. 27, 2011	Port Washington, WI Arson	Wisconsin v. Kronebusch Atty: Steven C. McGaver Atty: Michael Guerin
May 17, 2011	King County Superior Court Hanford, CA Arson	People v. Duinkerken Atty: Randy Edwards
Aug. 26, 2011	Clark County District Court Las Vegas, NV Fatal arson homicide	People v. Scholl Atty. Thomas A. Ericsson
Sept. 14, 2011	U.S. District Court Northern District of Illinois Chicago, IL Petroleum barge explosion	United States v. Egan Marine, Inc., et al (Civil) AUSA Robert E. Kelly
Nov. 4, 2011	Solano County Superior Court Fairfield, CA Manslaughter/murder (fire)	State v. Shetarra James DDA Karen Jensen

Appendix 5: Court Testimony – 1992 to Date (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

<u>Testimony Date</u>	<u>Court/Matter</u>	<u>Defendant/Attorney</u>
Jan. 25/26, 2012	U.S. District Court, Eastern District of California Fresno, CA Fatal arson fire	George A. Souliotes v. Anthony Hedgpeh, Warden, et al. habeas appeal DAG Kathleen A McKenna
Apr. 16, 2012	Vancouver Law Courts Vancouver, British Columbia, Canada Arson/manslaughter	R. v. Mathers and Wells Sandra Cunningham Mark Myhre Crown Counsel
June 25, 2012	Western District of Kentucky Federal Court Paducah, Kentucky Arson/murder	United States v. Billi Jo Smallwood AUSA James Lesousky AUSA Marisa Ford
July 25, 2013	Napa County Courthouse Napa, CA Residential Arson (prelim)	People v. Starla Cowan DDA Paul Gero
Nov. 21, 2013	Third District Court (El Paso County), Colorado Springs, CO Arson/murder (appeal hearing)	People v. Nicholls, DDA Jeff Lindsey
Feb. 5, 2014	San Diego County Superior Court San Diego, CA Arson (attempted)	People v. Amanda Opperman Atty. Victor Orsatti
May 5, 2014	Federal Court Northern District of Illinois, Chicago Barge Explosion	U.S. v. Egan Marine AUSA Tim Chapman (Criminal)
July 1, 2014	83 rd Judicial District Pecos County Texas Arson/murder (appeal hearing)	People v. Sonia Cacy Gary Udashen, Innocence Project of Texas
July 21, 2014	Butte County Superior Court Chico California Civil – accidental fire	Crusader Insurance v. McGaha Stephen Mason, Attorney

Appendix 5: Court Testimony – 1992 to Date (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

<u>Testimony Date</u>	<u>Court/Matter</u>	<u>Defendant/Attorney</u>
March 12, 2015	New Zealand High Court Auckland Arson/Murder	R. v. Kumar and Permal Zannah Johnston, Associate Aaron Perkins (Crown Counsel)
March 23, 2015	County Superior Court San Diego, California Residential Fire	Jimmie W. Johnson, Ernestine B. Johnson v. City of San Diego George Schaefer, Attorney
April 6, 2015	King County Superior Court Seattle, Washington Bombing	State v. Christopher Monfort Atty. Stacey MacDonald Associated Counsel for the Accused
July 14, 2015	Multnomah County Superior Court Portland, Oregon Attempted fire-bombing	State v. Thomas James, Jr. Atty. Jasmin Kahn
October 13, 2015	Ontario Superior Court Ottawa, Canada Arson/murder	R. v. Rene Goudreau Jason Neubauer Assistant Crown Attorney
Dec. 11, 2015	Pinellas County Superior Court Clearwater, Florida Civil case	Shawn Porter v. Pinellas County Atty. Craig Kubiak
Jan. 7, 2016	State of California Victim Compensation Board Sacramento, California	Souliotes v. State of California DAG Kathy McKenna
Feb. 26, 2016	Solano County Superior Court Fairfield, California Civil case – wrongful termination	City of Vallejo v. Todd Milan Atty. Carolee Kilduff
May 9, 2016	Cuyahoga County Superior Court Cleveland, Ohio Arson-homicide Appeal Hearing	State v. Angela Garcia Joanna Feigenbaum, Assistant State Public Defender, Wrongful Conviction Unit

Appendix 5: Court Testimony – 1992 to Date (Continued)

John D. DeHaan, Ph.D., FABC, CFI, FCSFS, FIFireE

<u>Testimony Date</u>	<u>Court/Matter</u>	<u>Defendant/Attorney</u>
Dec. 14, 2016	DuPage County Superior Court Wheaton, Illinois Arson-homicide Appeal hearing	State v. William Amor Loevy & Loevy (Chicago)