

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).

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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.

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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

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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 date
Member: 1972-75
Fellow: 1975 to date
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 date
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)

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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 *CDAAs 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)

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- "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)

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- "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", J. D. DeHaan and E. Pope, presented at American Academy of Forensic Sciences, Denver, CO, Feb. 2009 (in press)
- "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, 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

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

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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

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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, Hynannis, 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, F11B 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.

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.

2015:

**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-Up and Hash Oil Fires, Vic Massenkoff,
November 5, 2014, 1.5 hours

**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 – date.
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

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 | Boward 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) George Wilsher |
| Jan. 4, 2006 | W. Warwick, RI Structure fire | Style Plating and Donna Bea Realty v. Peerless Insurance, et al. (Civil) Lawrence L. Goldberg |
| Feb. 27, 2006 | Los Angeles, Calif. Fire death | Argudo v. Rodriguez (Civil) (Part II) Maryann P. Gallagher |
| Mar. 9, 2006 | Walnut Creek, Calif. Accidental wildland fire | National Union v. Pacific Gas & Electric Thomas Donnelly, Richard DeNatale, and Philip H. Kelley |
| Apr. 10, 2006 | Los Angeles, Calif. Fire death | Argudo v. Rodriguez (Civil) (Part III) Maryann P. Gallagher |
| Apr. 18, 2006 | Los Angeles, Calif. Structure fire | International Recording v. Sequoia Insurance (Civil) Gary Hamblet |
| May 3, 2006 | San Jose, Calif. Accidental structure fire | State Farm v. Herring & Worley, Inc. (Civil) Garry J. D. Hubert |
| Nov. 29, 2006 | Denver, Colo. Fire death | Estate of Elizabeth Jones Gregory Giometti |
| June 11, 2007 | Vallejo, Calif. Structure fire | Stueber v. Integrity Insurance Co. (Civil) Robert G. LeBell |
| June 14, 2007 | San Antonio, Texas Fire death | Garcia v. K-Mart (Civil) Robert E. Valdez |
| Mar. 28, 2008 | Berkeley, Calif. Structure fire/arson | Amica Mutual Insurance v. John and Deborah Haverland and Amtrust Bank (Civil) Gregory R. Giometti |
| Apr. 28, 2008 | Vallejo, Calif. Accidental structure fire | Cyrus Washington v. State Farm Insurance (Civil) 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) Archie T. Ikehara |
| Oct. 2, 2008 | Houston, Texas Structure fire | Juan Washington v. Ford Motor Company, et al. (Civil) Chanler A. Langham |
| Feb. 3, 2009 | Citrus Heights, CA Fatal structure fire | People v. Costea (Civil) Douglas A. Sears |
| Mar. 16, 2009 | Menlo Park, CA Structure fire | Jim Heierle, et al. v. W. W. Granger, et al. (Civil) 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) Joshua Wall |
| Nov. 28, 2009 | Vallejo, CA Arson – Homicide | Gordon Randy Steidl v. City of Paris, et al (Civil) Elizabeth A. Ekl |
| Dec. 4, 2009 | Woodland Hills, CA Fatal structure fire | Maropulos v. Los Angeles Sheriff's Office (Civil) Raymond Sakai |
| Jan. 6, 2010 | Vallejo, CA Structure fire | American Family Mutual Insurance Co. v. Michael E. Diehl, et al 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. 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 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 DAG Kathleen A. McKenna |

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) Hogley, 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 Poppo |
| 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 Mazzocone |
| 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 |
| 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) Atty. Robert E. Kelly |
| Nov. 4, 2011 | Solano County Superior Court Fairfield, CA Manslaughter/murder (fire) | State v. Shetarra James Atty. Karen Jensen |
| Jan. 25/26, 2012 | U.S. District Court, Eastern District of California Fresno, CA Fatal arson fire | George A. Souliotes v. Anthony Hedgpath, Warden, et al. habeas appeal DAG Kathleen A McKenna |

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. 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 Atty: James Lesousky Atty: Marisa Ford |
| July 25, 2013 | Napa County Courthouse Napa, CA Residential Arson (prelim) | People v. Starla Cowan Paul Gero |
| Nov. 21, 2013 | Third District Court (El Paso County), Colorado Springs, CO Arson/murder (appeal hearing) | People v. Nicholls, Jeff Lindsey DDA |
| 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 Tim Chapman AUSA |
| 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 |
| March 12, 2015 | New Zealand High Court Auckland Arson/Murder | R. v. Kumar and Permal Zannah Johnston, Associate Meredith Connell |
| March 23, 2015 | San Diego County Superior Court San Diego, California Residential Fire | Jimmie W. Johnson, Ernestine B. Johnson v. City of San Diego George Schaefer, 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> |
|-----------------------|--|---|
| April 6, 2015 | King County Superior Court Seattle, Washington Bombing | State v. Christopher Monfort Stacey MacDonald Associated Counsel for the Accused |