FIRE/ARSON INVESTIGATION BIBLIOGRAPHY

This list of selected materials in the Academy Library’s collection is yours to keep. It was designed to help Fire/Arson Investigation course students find information needed for their research reports. We hope it will also be useful to students after they leave the Academy, and to other investigators.

This is a selective list; journal articles, older texts and items of marginal interest have been left out. Our entire catalog is on the Internet. (Follow link from the OFPC website.) It includes an article database. Our indexing of journal articles from 1987-present is great for locating hard-to-find information. If you can’t access it, we can run a search for you here and print off (or email) the results.

Writing a paper? Items in boldface are recommended!

Most of the items listed here are on the Library’s shelves, so call numbers are provided. Exceptions (such as pamphlets, reprints, new arrivals) are noted.

Any item in this bibliography may be signed out on loan. We’re here to help you get what you need – just ask!

Diana Robinson, Librarian

Academy of Fire Science Library

October 2011 edition
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ACCELERANTS & GENERAL ACCELERANT DETECTION
*(see also Accelerant Detection Using Canines, Accelerant Det. Using Gas Chromatography, and Laboratory Services)*

**interFIRE Training Modules** [Web resource]. Accessed 2004. Available at: [http://www.interfire.org/trainingcenter.asp](http://www.interfire.org/trainingcenter.asp) Abstract: Interactive topics include: "Accelerant Detection Canine Unit"; "Teaching Fire Prevention with interFIRE VR" (use virtual reality from the interFIRE VR scene to teach fire prevention in this custom course designed for your presentations); "First Response from an Investigative Perspective" (as a first responder, learn how your observations can help an investigation); "Evidence Sampling for Ignitable Liquids Testing," (learn how to sample evidence with this quick reference online training module).


Wineman, Philip.  A "target compound ratio" approach to the detection of petroleum fuels and solvents in highly contaminated extracts of fire debris. 1985. approx. 100p. (Published as "Symposium on Recent Advances in Arson Analysis and Detection")


Wineman, Philip.  A "target compound ratio" approach to the detection of petroleum fuels and solvents in highly contaminated extracts of fire debris. 1985. approx. 100p. (Published as "Symposium on Recent Advances in Arson Analysis and Detection")

A donated structure slated for demolition was used to simulate fires of different types in various rooms. Fires were set and extinguished. Inspection of the damage is presented, with observation of pour and burn patterns of accelerants and various materials that were set on fire. Unfortunately, this segment is poorly produced and not very informative
[Uncataloged - request from Librarian]

Seattle, WA fire department experienced a series of fires where there was white flames and heavy smoke along with pyrotechnics. Rocket fuel is believed to be the high temperature accelerant used by the arsonist.
[Uncataloged - request from Librarian]

First line supervisor: fireground. FETN; Westcott; Feb. 1996; approx. 120 min. videotape
Each lesson approx. 25-30 min.
Seattle rocket fuel fire; Dayton air bag explosion; fires with floor collapse; church arsonist, Ocala, FL
[Uncataloged - request from Librarian]

Fire, arson & explosions video. [Web resource. Several short (1- to 3-minute) clips on burn patterns and arson indicators by Eastern Kentucky University]
Available at http://firevideos.eku.edu/fire-science/fire-arson-explosions-videos/

Available at http://www.dos.state.ny.us/fire/pdfs/publications/F500.pdf
“This project was developed to study both laboratory and K9 reliability in detecting ignitable liquids when ignitable liquid evidence is subjected to the extinguishing additive F-500. F-500 is a multi-purpose fire suppression agent effective on Class A, B, and D type fires, used by thousands of industrial facilities, power generation plants, and municipal fire departments. These results are based on practical exercises developed by the NYS Office of Fire Prevention and Control’s Arson Bureau and completed at the NYS Academy of Fire Science in Montour Falls, New York.”
Kept in vertical files [under ACCELERANTS]

ACCELERANT DETECTION USING CANINES
interFIRE Training Modules [Web resource]. Accessed 2004. Available at: http://www.interfire.org/trainingcenter.asp. Abstract: Interactive topics include: "Accelerant Detection Canine Unit"; "Teaching Fire Prevention with interFIRE VR" (use virtual reality from the interFIRE VR scene to teach fire prevention in this custom course designed for your presentations); "First Response from an Investigative Perspective" (as a first responder, learn how your observations can help an investigation); "Evidence Sampling for Ignitable Liquids Testing," (learn how to sample evidence with this quick reference online training module).

HV8079.A7C21

Prepared for the K-9 Accelerant Detection class of 2007
Kept in vertical files [under DOGS]

Does the nose know? CBS 60 Minutes; CBS Video; 2004; approx. 12 min. videotape
From the CBS 60 Minutes show aired 1/4/04. See http://www.cbsnews.com/stories/2004/01/05/60minutes/main591477.shtml
"Detection dogs that sniff for bombs and narcotics seem to be everywhere these days -- at airports and courthouses, on our streets and in our schools. There's no doubt that canines can be valuable assets for law-enforcement, but are they as reliable as we've been led to believe? Some are. And some aren't. Correspondent Lesley Stahl reports. " Although this segment does not specifically address the field of accelerant detection, it includes good background information on the variations law enforcement scent dogs are trained, inconsistent (or non-existent) standards for recertification, legal challenges to evidence uncovered by canines
HV8079.A7C38 2004

K-9 accelerant detection training: an overview. New York State Office of Fire Prevention and Control; 1994; 17 min. videotape
HV8079.A7N522
Prepared for the K-9 Accelerant Detection class of 2007
Kept in vertical files [under DOGS]

Available at http://www.odpm.gov.uk/stellent/groups/odpm_fire/documents/page/odpm_fire_027433.pdf
HV8079.A7U38 2004

HV8079.A7C75

HV8079.A7W62

Blaze cops. [DVD] 2010; Approx. 17 min. total runtime; Disk includes the US and UK versions of this program, plus the WENY and WETM news clips on the taping of the program in 2010. Short previews of the US version may be viewed online at http://www.amazon.com/gp/product/B0042MY5XU
"Blaze Cops" was broadcast as part of the the Season 4, Episode 16 of the Science Channel series, "How Do They Do It". Shows how canine accelerant detection teams are trained at the NYS Office of Fire Prevention's Academy of Fire Science in Montour Falls.
HV8079.A7N522 2010

SF428.2.M95G9 1997

Kept in vertical files [under DOGS]

Presented at the American Bar Association annual meeting, 8/9/93
Kept in vertical files [under DOGS]

Kept in vertical files [under DOGS]

Kept in vertical files [under DOGS]

Kept in vertical files [under DOGS]

Kept in vertical files [under DOGS]

Student materials distributed at the Nov. 1995 Arson Seminar at the NYS Academy of Fire Science in Montour Falls

[Uncataloged - request from Librarian]


[Uncataloged - request from Librarian]

Fire investigation & K-9 units: MO State Fire Marshal's Office, *Working Fire*, Sept. 1995. 9 8:45. A nice add-on to the three-part series on fire investigation that ran in volumes 95-5,-7 & -8. This month, we discuss how and why arson investigation K-9 units are valuable and go through a demonstration with "Gus," a golden retriever used to sniff out accelerants.

[Uncataloged - request from Librarian]

**ACCELERANT DETECTION USING GAS CHROMATOGRAPHY/MASS SPECTROMETRY**

University of Central Florida/National Center for Forensic Science. Ignitable liquids reference collection [Web resource]. Accessed 2004. Available at: [http://www.ncfs.org/ilrc1.html](http://www.ncfs.org/ilrc1.html). Abstract: "The intent of the database with its associated liquid repository is to provide a searchable resource that allows a laboratory to isolate an ignitable liquid of interest for inclusion into an in-house reference collection. Commercial products are obtained from manufacturers and distributors, and then repackaged for distribution using the product name assigned. The database is designed for screening purposes only; it does not replace ASTM requirements for an in-house reference collection. The classification system parallels the ASTM classification, with some variation, to assist the user's search and to maintain consistency." The database may be searched by peaks, brand/product name, intended use, classification group, or other parameters.


HV8079.A7A53 2004


HV8079.A7B54


Fire and arson investigation techniques, volume 1. Tape 4: The Case of "The Suspect's Spectrum". [Videotape] Practical Video LLC; 2001; 1 hour

"Each scene examines causative factors and supporting evidence, indicates possible code violations and alternative “best practices,” and where possible, shows the resolution." Library also owns instructor workbook for set (172p.) *Please request only 2 tapes at a time from this series!*

"What happens to evidence collected at the scene? Join Dave as he delivers fire scene debris to Buck Analytical and Testing Labs in Cortland, NY. You'll learn first-hand the importance of proper evidence collection and handling, and see how this world-class lab analyzes the evidence and prepares forensic reports that will stand up in a court of law. You'll learn how GC-MS operates, “best-practices” for evidence collection and handling, and how lab reports are created and interpreted."

HV8079.A7R32 2001 #4


TP156.C5M55


TP156.C5N47 1998


HV8079.A7S79 2008
  Kept in vertical files [under ARSON BY TITLE, "D-G" ]


ARSON IN NEW YORK STATE  (see also Legal Aspects/Law of Arson in NYS)

New York State Office of Fire Prevention and Control. Program planning and proposal writing. Albany, NY: the Office, 1986. approx. 25p. A guide prepared to assist localities in preparing and submitting arson grant applications to OFP&C, but which may be used as a general aid in writing funding proposals
  HF5718.5 .N56P9


  HV8079.A7N5

New York State Commission of Investigation. Investigation into the death of Kristie Fischer. New York: the Commission, 1995. 158p. Oversight report into the investigation of the 12/2/91 Mount Pleasant (Westchester Co.) fire. Olivia Riner was later acquitted of arson and murder charges in what was popularly known as the "Swiss Nanny Trial"
  HV8079.A7N48

  HV8079.A7N52

  HV8079.A7N52 2006-- (To be updated annually)

  HV8079.A7N53

New York State. [Arson control plans]. Library has copies of plans submitted by all NY State counties to Office of Fire Prevention and Control. Ask Librarian for list of available plans
  HV8079.A7N53

  HV8079.A7N55

  HV8079.A7N57

  HV8079.A7N541

  Kept in vertical files [under ARSON BY TITLE, "A"]

  Kept in vertical files [under ARSON BY TITLE, "S-Z"]

  Kept in vertical files [under ARSON--NY--GRANTS]

  Kept in vertical files [under ARSON--NY]

  Kept in vertical files [under ARSON--NY]

  Kept in vertical files [under ARSON--NY]

  Kept in vertical files [under BURN INJURIES]

  HV8079.A7N51 2005
ARSON PREVENTION

   HV8079.A7A16 1980

   "This field manual provides guidance for the inspection and evaluation of vacant or abandoned properties using the IAAI/USFA Vacant/Abandoned Building Evaluation Form (Appendix 1). To be effective, vacant buildings should be evaluated early in the vacancy cycle to identify potential hazards and to provide emergency responders with vital information for use in the event of fire or other emergency in the building. The data developed during this process can also be used in the decision making process where limited funds must be allocated to address the most significant problems."
   HV8079.A7I621

   HV8079.A7C77

Arson: How to manage the arson threat. Factory Mutual Engineering Corp.; Factory Mutual; 1993; 8 min. videotape
   Accompanied by discussion guide, checklist and 3 booklets
   HV8079.A7F14

   Cover title is, "America's burning: stop arson, media guidebook"
   HV8079.A7H32

   HV8079.A7K2

   HV8079.A7K18

   HV8079.A7N53

   HV8079.A7P96

   HV8079.A7S84

   Available at http://www.odpm.gov.uk/stellent/groups/odpm_fire/documents/downloadable/odpm_fire_601078.pdf
   HV8079.A7U37 1999

   HV8079.A7U57


Devil's Night, American Heat. Nov. 1986. 1; 5 13:30. In Detroit, Mich. on 10/30/86, 386 fires were set. In a review of arson fires in past years, it was found that while 45 people lost their homes in 1985, none where lost in 1986 because of a curfew. Preparations for fighting Devil's night is used as a training time for new firemen


ARSON STATISTICS

BIBLIOGRAPHIES, DIRECTORIES, ETC.


"...investigative tool for identifying sources of information about people, property, business and finance..." with Internet addresses wherever possible and a chapter on how to use the Internet in investigations

HV8073.U5716 1997


HV8079.A716


HV8079.A7U47


HV8079.A7U587


Kept in vertical files [under ELECTRICAL FIRE INVESTIGATION]


Kept in vertical files [under FORENSIC SCIENCE]

New York State Academy of Fire Science. Interviewing techniques for the fire investigator: selected references. Montour Falls, NY: the Academy, [updated annually]. [approx. 5p.].

Kept in vertical files [under INTERVIEWING IN LAW ENFORCEMENT]


Kept in vertical files [under PHOTOGRAPHY or VIDEOTAPE RECORDERS AND RECORDING]


A bibliography of articles published in 10 leading fire science publications from 1976-86. No longer updated; 1987+ articles may be searched using online catalog

[Uncataloged - request from Librarian]

BOMBS, INCENDIARY DEVICES, ETC.


HV6431.A59A7


HV6431.F53S4 2001


"The Bomb Arson Tracking System (BATS) is a web-based case management tool for documenting any fire, arson or explosive-
related incident. BATS provides you with access to current arson and explosives information from across the nation.

Kept in vertical files [under BOMBS]

"Submitted in partial fulfillment of the requirements for the degree of Master of Arts in Security Studies (Homeland Security and Defense)."


"The current trend in terrorist tactics is the use of simple, inexpensive and conventional weapons. One such weapon is improvised incendiary devices (IIDs). The homeland security community has underestimated the magnitude of the threat. Policy makers must recognize the potential for terrorist cells to use IIDs to create terror and fear in the public. IIDs have the potential to create devastating fires resulting in mass casualties. In addition to evaluating the risk of an IID attack and determining the state of preparedness of first responders, this thesis includes a proposal for the creation of two new national planning scenarios, urban and wildland conflagrations or firestorms. Recommendations will include incendiary protocols in the weapon of mass destruction matrix as represented by “I” in CBIRNE. This organizational change can be applied to the homeland security strategies, lexicons and documents of Federal, State, and local governments and the private sector to address the IID threat. This thesis is intended to serve as a catalyst for the Department of Homeland Security to set policy that will decrease vulnerabilities and consequences of this lesser-known threat."

HV6640.R27I3  2006

“Chemicals Used for Illegal Purposes helps hazmat professionals and others determine if chemicals at a suspicious site could be used to make illegal substances such as drugs, explosives, pyrotechnics, nerve agents, and other toxins. It profiles dangerous chemicals, covering their appearance, smell, incompatibilities, and identification tests. It features diagrams to assist responders in identifying illegal laboratories. This is a hands-on reference for crime scene responders, policemen, firemen, bomb squad members, drug enforcement officials, and others who need to be able to identify potentially hazardous materials and react quickly and appropriately."

TH9446.C5T87  2010

http://info.publicintelligence.net/DHS-HomemadeExplosivesGuide.pdf

"...quick reference guide for military, first responders, federal, state, and local government personnel. The goal of this guidebook is to provide awareness level information that will allow on-scene personnel to rapidly assess that a situation involves the presence of homemade explosives to alert military EOD team or state or local bomb squad personnel. This guidebook is divided into three sections: Homemade Explosives, Chemical Components, and Manufacturing Equipment that addresses 9 homemade explosives, 20 precursor chemicals, and 6 types of manufacturing equipment..."

HV6640.U6I39  2007

HV6431.F82I3

HV6431.H25A5  [Stolen – trying to replace]

HV6431.H25A5  [Stolen – trying to replace]

HV6431.M16M5  1995

HV6431.P88A5

HV6431.W45A5
HV6431.S39

HV6432.F29T3 1992--

HV6640.B86B6

Surviving the secondary device: the rules have changed. Georgia Emergency Management Agency/US Dept of Justice, Bur. of Justice Assistance; Bur. of Justice Assistance; 1997; approx. 11 min. videotape. Accompanied by 1-page guide. Used in connection with the OFPC course on emergency response to terrorism/weapons of mass destruction. Bombing incident management. Includes footage of two Atlanta (GA) incidents which involved secondary explosive devices meant to injure emergency response workers
HV6640.G35S9 1997

HV6640.I4613

HV6640.S39F3

HV6640.U6E95

HV6640.U6I3

HV6640.U6I3

HV6640.U6T12 (Microfiche)

HV6640.C39

HV6640.M3

HV6640.P61

HV6640.S87

HV8079.A7M55
About the investigation and resolution of a series of fires and explosions set by 3 juveniles near Boulder, CO. Their targets were 4 schools, 3 vehicles and a gas station during a one-year period. The report documents good coordination between various agencies in catching the serial firesetters

HV8079.A7S78


HV8079.A7S96


HV8079.A7W61 1997


TP270.B57F7 1998


TP270.P53E9 1998


TP270.T25G9 2000


TP270.U6F32

First responder to explosive incidents. United States. Bureau of Alcohol, Tobacco and Firearms; 1994; approx. 20 min. videotape. Produced at the Federal Law Enforcement Training Center for BATF and the International Association of Police Chiefs. May not be copied; for use by law enforcement/fire service/EMS personnel only

TP270.U6F52

Gohar, Mohamed M. Collection, preservation and submission of physical evidence of a suspected arson or bombing. Ohio Division of the State Fire Marshal, 1990. 17p.

Kept in vertical files [under ARSON BY TITLE, "B-C"]


Kept in vertical files [under BOMBINGS]

Federal Bureau of Investigation. [Letter dated 5/31/95 outlining merger of the FBI Laboratory Division's Explosives Unit with the FBI Bomb Data Center, with new address and contacts]. Washington, DC: FBI, 1995. 1p.

Kept in vertical files [under BOMBINGS]


Kept in vertical files [under BOMBINGS]


Kept in vertical files [under BOMBINGS]

United States. Department of Justice. FBI Bomb Data Center Forensic Science Research and Training Center: Laboratory Division. FBI, 6p.

Kept in vertical files [under BOMBINGS]


Kept in vertical files [under BOMBS]
Kept in vertical files [under BOMBS]

Kept in vertical files [under BOMBS]

Kept in vertical files [under BOMBS]

Kept in vertical files [under ACCELERANTS]

Kept in vertical files [under BOMBINGS]

Tips for first responders, as well as a brief overview of the different types of explosives used by terrorists and bombers, and safe ways to preserve the explosive incident crime scene  
[Uncataloged - request from Librarian]

Firefighting Skills. FETN; Westcott; Oct. 2003; Approx. 120 min. videotape  
Accompanied by curriculum guide  
(Among other segments) #038-0024, "Introduction to Fire Investigation/Fire Origin & Cause Determination, part 4, Ignition Sources"  
(part 4 of 6 includes causes such as electrical, accidental, arson and incendiary devices)  
[Uncataloged - Request from Librarian]

Protecting America. FETN/LETN special. FETN; Westcott; July 2002; approx. 60 min. videotape  
#911-0019, "Killer Bombers, part 3" (Approx. 30 min.)  
How emergency responders can recognize possible bombers. Opens with an EMS scenario of a man who claims injured himself in a firecracker mishap, but who doctors realize must have been involved with more serious devices.  
[Uncataloged - Request from Librarian]

BUILDING FUEL GAS SYSTEMS (See also EXPLOSION. Students should also check general texts and NFPA 921!)  

Fire and arson investigation techniques, volume 1. Tape 8: The Case of “The Dumber Plumber”. [Videotape] Practical Video LLC; 2001; 1 hour  
"Each scene examines causative factors and supporting evidence, indicates possible code violations and alternative “best practices,” and where possible, shows the resolution.” Library also owns instructor workbook for set (172p.) Please request only 2 tapes at a time from this series!  
"And you thought wiring was no place for amateurs! In this volume, Dave methodically takes you through two especially horrifying situations involving gas explosions. Although the unwitting participants lived to tell the tale, Dave shows how and why a painstaking investigation is needed to fully understand these disasters. The cases are: The Case of the Dumber Plumber; The Case of the Boom with a View."  
HV8079.A7R32 2001 #8

Gas migration ignition study. Minnesota Chapter of the Intl. Assn. of Arson Investigators; MNIAAI; 2003; 15 min?  
Accompanied by CD-rom, "Gas Migration Ignition Study Reports & Photos". Library also owns this in DVD format (with "Reports & Photos" on CD)  
Footage of live burns at sheds and one- and two-story homes in several sites around Minnesota to study the migration and ignition of natural gas and propane in residences. Sensors recorded the migration of gas within the structure prior to explosion  
TP270.M66G2 2003
COMPUTERS IN ARSON PREDICTION/INVESTIGATION/TRAINING

Available at: http://cfitrainer.net/Training_Programs/Charleston_Sofa_Super_Store_Fire.aspx
Notes: This on-demand training module takes about 1 hour to complete, plus has suggested readings (approx. 2 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. "A fire occurred on the evening of June 18, 2007, in the Sofa Super Store in Charleston, SC that resulted in the deaths of nine fire fighters. NIST analyzed the fire ground, consulted with other experts, and performed computer simulations of fire growth alternatives. This program focuses on the fire analysis portion of the NIST technical investigation. Recommendations based on NIST’s simulation of events are also presented."

Published as "Research Brief Series Dedicated to Shared Knowledge," Issue 11, December 2010.
This is a short excerpt from the guide available as a free download from http://www.rutgerscps.org/rtm/Arson_RTMInsights_11.pdf
"Aim: To assist analysts with the identification of risk factors for the production of risk terrain maps. Specifically, this brief provides an annotated review of the factors related to arson and the settings and times for which some factors may be most relevant. With this manual, analysts can produce risk terrain maps that give actionable meaning to the relationships that exist between place-based indicators and crime outcomes. Planners can use this approach to develop strategic models to forecast where crime problems are likely to emerge and to engage in steps that might reduce risks of crime occurring in the future.”
Access online; summary only kept in vertical files [under ARSON BY TITLE, “R”]

Available at: http://www.cfitrainer.net/Training_Programs/Fire_Dynamics_Calculations.aspx
Notes: This on-demand training module takes about 2 hours to complete, plus has suggested readings. Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "The instructors for this program are Dr. James G. Quintiere and ATF Special Agent Robert J. Schaal. The program is designed to introduce a new Palm/Pocket PC application called CFI Calculator to users and provide examples of how it can be used by fire investigators in the field. The calculator is designed to assist fire investigators with basic field calculations for Flame Height, Heat Flux, Flashover and Fire Growth. Prior to reviewing the Fire Dynamics Calculations program, download the CFI Calculator to your Desktop computer, Pocket PC or Palm. After completing the download, do the pre-program reading assignment and print the Module Worksheet. The worksheet problems can be completed before watching the program or at the end of each segment. The worksheet is an important part of the program as it gives you experience in using the CFI Calculator tool. Once you have completed the worksheet and watched the program, you can check your worksheet answers by printing the Module Worksheet Answer Key. Once you have finished the program and the worksheet, select the TAKE TEST button to take the module examination that will qualify you for a certificate of completion.
UPDATE: Version 2.0 of the CFI Calculator has upgraded its platform to include three new formulas with detailed help files and drop downs for: Sprinkler Activation, Heat Release Rate and Time to Ignition. Download the all new Version 2.0 for the Windows, Pocket PC and Palm versions by clicking on the links below.”

Available at https://www.cfitrainer.net/Training_Programs/An_Analysis_of_the_Station_Nightclub_Fire.aspx
This on-demand training module takes about 1.5 hours to complete, plus has suggested readings (approx. 2.5 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. "This program is an overview of the findings of the NIST National Construction Team investigation of the Station Nightclub Fire on February 20, 2003 in West Warwick, Rhode Island. This presentation will focus on the fire analysis portion of the NIST technical investigation. The presentation addresses the type of information or materials that need to be collected to develop to a timeline, and the data needed for simulating the fire conditions. Both physical and numerical simulations were conducted and an overview of the those results will be presented. The potential impact that an automatic sprinkler system would have had on the fire is also demonstrated..."
HV7936.C88H2 1999

HV8073.L62I6 1997

Available at [http://www.ncjrs.org/pdffiles1/nij/187736.pdf](http://www.ncjrs.org/pdffiles1/nij/187736.pdf)  
HV8073.T25E38 2001

"... investigative tool for identifying sources of information about people, property, business and finance..." with Internet addresses wherever possible and a chapter on how to use the Internet in investigations  
HV8073.U57I6 1997

See [http://www.interfire.org](http://www.interfire.org) for updated information.  
HV8079.A7I55 1999

HV8079.A7N57

"This hands-on guide clarifies the difference between what can be done digitally and what should be done in a forensic setting, and helps the reader "learn by doing" with exercises and step-by-step instructions. The images and exercises in the CD-rom provide practical examples of the techniques described in the book."  
TR822.B64F7 2002

TR822.R95F7 2001

Includes separate summaries of project background, AIMS 2000 strategy, program purpose, applied methodology, system hardware, and system software  
Kept in vertical files  [under ARSON BY TITLE, "A"]

Kept in vertical files  [under ARSON BY TITLE, "D-G"]

Newcomb, Randy L.  Identification, preservation, and analysis of computers recovered during a fire investigation. New York State Police, Troop "E", 2005.  9p.  
Copy of the PowerPoint notes of the presentation made at the November 2005 Arson Seminar held at the NYS OFPC Academy of Fire Science in Montour Falls, NY  
Kept in vertical files  [under ARSON BY TITLE, "H-L"]

Kept in vertical files  [under ARSON BY TITLE, "P-R"]
   Kept in vertical files [under BOMBINGS]

   Kept in vertical files [under BOMBINGS]

Demonstrates a CD-rom based interactive training tool for fire investigators
   [Uncataloged - request from Librarian]

   Available at http://www.ncjrs.gov/pdffiles1/nij/213030.pdf
"This special report is intended to be a resource to any law enforcement personnel (investigators, first responders, detectives, prosecutors, etc.) who may have limited or no experience with technology-related crimes or with the tools and techniques available to investigate those crimes. It is not all inclusive. Rather, it deals with the most common techniques, devices, and tools encountered..."
   HV8073.U58I62 2007

**DIAGRAMMING & SCENE SKETCHING** *(Students should also check general texts and NFPA 921!)*

   Available at: https://www.cfitrainer.net/Training_Programs/Documenting_the_Event.aspx
Notes: This on-demand training module takes about 1.5 hours to complete, plus has suggested readings. Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: Includes information on use of video and emerging documentation technologies. "This module provides a practical overview of how to perform the baseline documentation tasks that should be done at every scene, including scene access, note taking, photography, sketches and diagrams, interviews and evidence collection. Prior to watching the media elements of this program, it is recommended that you carefully review the required reading materials listed under the Reading List button above. Information from this reading, as well as that presented in the media sections of the program, will be included in the Skills Challenge. The Reference List provides you with supplemental reading and resources for your information and use."
   Approximate reading time: 2.5 Hours; approximate online time: 1.5 Hours

   HV8073.F49T25 1992

   HV8079.A7B82

   HV8079.A7D41

From the NFPA description: "This substantive resource has tables, charts, lists, art, and more from the most respected references in the field, including: NFPA 921 and NFPA 170; NFPA's Fire Protection Handbook; SFPE Handbook of Fire Protection Engineering... Complete backup is provided for every phase of the investigation process: before going to the fire scene; fire scene documentation and analysis; building construction and systems; information for the fire investigator; SI units and conversion tables."
   HV8079.A7N232 2003

   HV8079.A7P38 1998


NFPA 921 standard (revised approx. every 3 years). See also related website, http://www.NAFI921.com, "dedicated to the discussion and understanding of NFPA 921"

Firefighting Skills. FETN; Westcott; Sept. 2003; Approx. 120 min. videotape

Accompanied by curriculum guide

(Among other segments) #038-0023, "Introduction to Fire Investigation/Fire Origin & Cause Determination, part 3, the Fire Scene"

(part 3 of 6 includes protecting the scene, documentation, determining point of origin, etc.)

[Uncataloged - Request from Librarian]

ECO-ARSON (ECO-TERRORISM)


"Unclassified/official use only/restricted information"

Includes graphic symbols and logos used by various groups, including those linked to ecoterrorism.

Kept in vertical files [under "ECOTERRORISM"]


Burning rage. CBS 60 Minutes; CBS Video; 2005; Approx. 15 min. videotape


"When they first emerged in the mid-1990s, the environmental extremists calling themselves the “Earth Liberation Front” announced they were “the burning rage of a dying planet.” Ever since, the ELF, along with its sister group, the Animal Liberation Front, has been burning everything from SUV dealerships to research labs to housing developments. In recent years, these so-called “eco-terrorists” have been responsible for more than a thousand crimes resulting in over $100 million in damage. And their tactics and rhetoric continue to escalate. Things have gotten so bad, the FBI now considers them the country’s biggest domestic terrorist threat."


On the 10/19/98 arson fire which caused $12 million in damage to the US's largest ski resort. An e-mail was later received claiming credit for the action for the Earth Liberation Front, but the book reveals a long list of potential suspects


Available at http://www.fbi.gov/congress/congress04/lewis051804.htm

Kept in vertical files [under ECOTERRORISM]
ECONOMICS OF ARSON (see also Insurance Fraud/Arson-for-Profit)

Glick, Daniel. Powder burn: arson, money, and mystery on Vail Mountain. NY: Public Affairs, 2001. 1-58648-003-0. 269p. On the 10/19/98 arson fire which caused $12 million in damage to the US’s largest ski resort. An e-mail was later received claiming credit for the action for the Earth Liberation Front, but the book reveals a long list of potential suspects
  HV8079.A7G55 2001

  HV8079.A7K89

  Master's thesis prepared for the NY Institute of Technology
  HV8079.A7S22

  HV8079.W47M35 1999

  Kept in vertical files [under ARSON BY TITLE, "A"]

  Bureau of Justice Statistics Special Report on use of RICO and CCE (continuing criminal enterprise) statutes
  Kept in vertical files [under ARSON BY TITLE, "D-G"]

ELECTRICAL FIRE INVESTIGATION (GENERAL)
(See also following categories for Aluminum Wiring and Appliances)

  Library also has newest editions on CD-rom, and has access to online versions.
  http://www.nfpa.org/assets/files//PDF/OS.electrical.pdf
  TK152.N23H7  2010

  Approximate online time is 1 hour. Prior to watching the media elements of this program, it is recommended that you carefully review the required reading materials (approximate reading time 2 hours).
  "This module presents critical electrical safety practices that every fire investigator should implement at every scene, every time. Content covered includes how electricity is supplied to a building, the electrical safety actions to complete during the preliminary scene assessment, ongoing electrical safety measures to be practiced throughout the investigation, what the investigator needs to know about static electricity, and what electrical safety equipment should be in the investigator's toolkit."

  Available at https://www.cfitrainer.net/Training_Programs/Arc_Mapping_Basics.aspx
  This on-demand training module takes about 1.5 hour to complete, plus has suggested readings (approx. 2 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations.
  "Arc Mapping, or Arc Fault Circuit Analysis, uses the electrical system to help reconstruct a scene, providing investigators with a means of determining the area of a fire’s origin. This module shows how electrical circuits can be damaged by fire, discusses how electrical arcs occur, defines and describes the arc mapping technique, and provides tips for how to present arc mapping technique and findings in legal proceedings."

  HV6431.F53S4 2001

Fire and arson investigation techniques, volume 1. Tape 3: A Visit with the Wire Wizard, Bob Vasilow . [Videotape] Practical Video LLC; 2001; 1 hour
"Each scene examines causative factors and supporting evidence, indicates possible code violations and alternative ‘best practices,’” and where possible, shows the resolution.” Library also owns instructor workbook for set (172p.) Please request only 2 tapes at a time from this series!

“This tape features ‘wire wizard' Bob Vasilow, who brings more than 50 years of electrical experience to bear in his analysis. Bob shows how to analyze all types of electrical circuitry, and how to assess what was happening with a circuit at the time of the fire. Bob also explains when and how to use a power recorder to provide additional evidence about any electrical installation.”

HV8079.A7R32 2001 #3

Fire and arson investigation techniques, volume 1. Tape 5: The Case of “The Sorry Circuits”. [Videotape] Practical Video LLC; 2001; 1 hour

“Each scene examines causative factors and supporting evidence, indicates possible code violations and alternative ‘best practices,” and where possible, shows the resolution.” Library also owns instructor workbook for set (172p.) Please request only 2 tapes at a time from this series!

“Think just anybody can wire a house? After viewing this tape, you’ll want to double-check your own house panel, just to be sure that your wiring is in better shape than the examples shown. The cases presented are: The Case of the Sorry Circuits; The Case of the Naked Breakers; Looking for Lightning in All the Right Places; The Case of the Sooty Sushi.”

HV8079.A7R32 2001 #5


According to the National Fire Protection Association (NFPA), there is an annual average of 24,200 home fires attributed to electrical distribution systems or lighting equipment, causing 830 injuries, 320 deaths and $700 million in property damage. A study conducted by the U.S. Consumer Product Safety Commission (CPSC) in 1987 indicated that the frequency of fires in residential electrical systems was disproportionately high in homes more than 40 years old. The disproportionately high incidence of fire in the electrical systems of older homes can usually be attributed to one or more of the following factors: Inadequate and overburdened electrical systems; Thermally reinsulated walls and ceilings burying wiring; Defeated or compromised overcurrent protection; Misuse of extension cords and makeshift circuit extensions; Worn-out wiring devices not being replaced; Poorly done electrical repairs; Socioeconomic considerations resulting in unsafe installations. Includes many illustrations. TK152.D58R43 2008

Electrical building fires: cause or effect. New York State Academy of Fire Science; 1994; approx. 90 min. videotape Presentation by Art Bronstein at the 11/94 arson seminar at the Academy TK152.B86E3


Open neutral electrical hazards and pyrophoric-carbonization phenomenon: electrical problems found in structures in the City of Miami. Jimenez, Luis M.; City of Miami Fire Rescue Department; approx. 30 min. videotape  TK152.M61O6


Understanding electricity and electrical fires. Synergy Technologies LLC; 2001; 120 min. videotape & 14-page handout  TK152.S9U55 2001

University of Wisconsin. Electrical fires: causes, investigation, analysis and prevention. WI University, 1984. approx. 250p. Course workbook; consists mostly of article reprints  TK152.U6E39


Firefighting Skills. FETN; Westcott; Oct. 2003; Approx. 120 min. videotape  Accompanied by curriculum guide (Among other segments) #038-0024, "Introduction to Fire Investigation/Fire Origin & Cause Determination, part 4, Ignition Sources" (part 4 of 6 includes causes such as electrical, accidental, arson and incendiary devices)  [Uncataloged - Request from Librarian]
ELECTRICAL FIRE INVESTIGATION - ALUMINUM WIRING

TK3285.A76F5 1983

TK3285.A76R3 1982

TK3285.B86C4

TK3285.B94H4 1974

TK3285.N27A4 1975

TK3285.N55H4 1975

TK3285.R11S7 1974

Kept in vertical files [under ALUMINUM WIRE]

Kept in vertical files [under ALUMINUM WIRE]

Kept in vertical files [under ALUMINUM WIRE]

ELECTRICAL FIRE INVESTIGATION - APPLIANCE FIRES

Fire and arson investigation techniques, volume 1. Tape 1: The Case of “The Overcooked Coffee”. [Videotape] Practical Video LLC; 2001; 1 hour
Library also owns instructor workbook for set (172p.) Please request only 2 tapes at a time from this series!
"On this tape, Dave and his associate Bob Vasilow examine some common and not so common small appliance fires. The cases presented are: The Case of the Overcooked Coffee; Non-invasive Examinations with Industrial X-Rays; The Case of the Red-hot Reefer; The Case of the Curious Kerosene"
HV8079.A7R32 2001 #1

Fire and arson investigation techniques, volume 1. Tape 7: The Case of “The Residents’ Evidence”. [Videotape] Practical Video LLC; 2001; 1 hour
Library also owns instructor workbook for set (172p.) Please request only 2 tapes at a time from this series!
"As any investigator can tell you, it may take years to settle a suspected arson case. During that time, evidence collected at the scene must be carefully handled, cataloged and stored. This volume features The Case of the Residents' Evidence with Dave showing how to work with large items, how to assess damage and “cause or consequence,” and special considerations related to long term storage of such items. Dave reviews a number of appliances on this tape and shows what to be especially aware of when looking for "cause or consequence" with each appliance."
HV8079.A7R32 2001 #7
KF3976.P38F3

QC966.H49I2

T55.U1I4

T55.U6F45 2002

NFPA members may download free of charge from NFPA.org. Library owns latest version on CD and has online access.  Separate reports on specific types of appliances/equipment are also available!  
TH9445.D9N231 2011--

Cooper, Peter.  [Demonstration of heat tape fire: Raychem's "Frostex" heating cable cascading and leapfrogging along an insulated pipe]. Peter Cooper, 1988?  This is a VHS videotape with two versions (20-min. and 100-min.) of a test burn  
TK152.C77D4

Electrical product failure analysis. New York State Academy of Fire Science; 1995; approx. 90 min. videotape  
Tape of a presentation made by James M. Finneran 11/2/95 at the Arson Seminar  
TK152.F51E3

Kept in vertical files  [under ELECTRICAL FIRE INVESTIGATION--APPLIANCES ONLY]

Cooper, Peter.  [Miscellaneous reprints and documents on electric heat tape fires]. Peter Cooper, approx. 30p.  
Kept in vertical files  [under ELECTRICAL FIRE INVESTIGATION--APPLIANCES ONLY]

Kept in vertical files  [under ELECTRICAL FIRE INVESTIGATION--APPLIANCES ONLY]

Sanderson, Jack L.  [Handouts distributed 11/6/98 at the Arson Conference held in Montour Falls, regarding residential dryer fires.].  Fire Findings, 1998.  8p.  
Includes interview guideline for dryer history, diagrams, and temperature test results  
Kept in vertical files  [under ELECTRICAL FIRE INVESTIGATION--APPLIANCES ONLY]

Kept in vertical files  [under ELECTRICAL FIRE INVESTIGATION--APPLIANCES ONLY]

Presented at the 1988 IAAI 39th annual seminar in Niagara Falls, NY  
Kept in vertical files  [under HEATING APPLIANCES]

Kept in vertical files  [under ELECTRICAL FIRE INVESTIGATION--APPLIANCES ONLY]
EVIDENCE (GENERAL)
(see also Evidence Collection/Preservation, Evidence in the Courtroom, Evidence from Expert Witnesses and Laboratory/Forensics)

How first responders impact the fire investigation [Web resource]. 2011.
Available at: https://www.cfitrainer.net/Training_Programs/How_First_Responders_Impact_The_Fire_Investigation.aspx.
Notes: This on-demand training module takes about 1.5 hours to complete, plus has suggested readings (approx. 1 hour). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "This module teaches first responders, including fire, police and EMS, how to make critical observations and take important scene preservation actions as they discharge their first responder duties. These observations and actions are crucial to the success of the subsequent fire investigation of the scene."

Available at: https://www.cfitrainer.net/Training_Programs/Introduction_to_Evidence.aspx
Notes: This on-demand training module takes about 1.5 hours to complete, plus has suggested readings. Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "This program is the first in a series that will look at evidence from the perspective of the fire investigator. The program introduces the fire investigator to the concept of evidence, the legal aspects involved in the collection and presentation of evidence in a legal proceeding, and how the investigator should prepare to present the evidence collected in court." Approximate reading time: 2.5 Hours; approximate online time: 1.5 Hours

Available at: https://www.cfitrainer.net/Training_Programs/Physical_Evidence.aspx
Notes: This on-demand training module takes about 1.5 hours to complete, plus has suggested readings. Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "This program is the second in the series on evidence. Thinking outside the box of traditional fire scene evidence can be used to associate objects, individuals or locations, leading to discovery of motives, means, opportunity and responsibility. This non-traditional evidence category will include the proper techniques for recognition and collection of fingerprints, blood and bodily fluids, impression and trace evidence..." Approximate reading time: 2.5 Hours; approximate online time: 1.5 Hours


Evidence packaging. Suffolk County (NY) Police Department; the Dept.; 1992; 8-1/2 min. videotape HV8073.S94E9 1992


King, Charles G. Detecting arson: what the fire fighter should do. Hartford, CT: Aetna Life and Casualty, 12p. Kept in vertical files [under ARSON BY TITLE, "D-G"]
EVIDENCE COLLECTION/PRESERVATION
(see also Laboratory/Forensics, Searching the Fire Scene, Legal Aspects, etc.)

Kept in vertical files [under FORENSIC SCIENCE]

Kept in vertical files [under FORENSIC SCIENCE]

KF8961.U6S7

"...During 2009, the ATWG addressed a situation which surfaced indicating certain instances of premature evidence container failure as had been discovered in relation to fire debris placed in new unused unlined metal paint can evidence containers with resulting degradation of the container in as little as less than a week contact time. The degradation was identified at the forensic laboratory as random rust perforations of the unlined metal evidence container. Having been apprised of this information the OFPC released a Technical Alert prepared as a Quality Assurance Bulletin and distributed it to the fire investigation community with a remedial plan for fire debris evidence sampling..."
Kept in vertical files [under FORENSIC SCIENCE]

Evidence collection toolbox. [Web resource] 2009--
Available at https://www.cfitrainer.net/resources.aspx
Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations.
"The CFITrainer.Net Evidence Collection Toolbox details evidence collection and packaging procedures for over 50 types of evidence items encountered at the fire scene. The Toolbox also includes a brief discussion of evidence testing options available for each item. The Toolbox is an excellent reference for how to collect these items, but is not intended to replace your departmental procedures or substitute for a working relationship with your laboratory. Please contact your laboratory for guidance and answers to your evidence collection questions." Includes categories such as bodily fluids, cigarettes, documents, electronic evidence, fabrics & fibers, fingerprints, glass, hair, ignitable liquid residue & fire debris, impressions, metals, paint, plastics, toolmarks, soil, tape, viscous substances, and wood.

HV8079.A7C45 2009

HV8079.A7I271 2009

HV8073.G32P9 2004

"The beginning of any successful investigation hinges on the proper collection of evidence. In many areas of the country, responding officers may have to wait hours for laboratory resources to arrive at a crime scene -- or they may never have the benefit of expert assistance at all. In addition, even major metropolitan departments have limited laboratory personnel that can be sent to crime scenes. Therefore, it is essential that field personnel be prepared to competently identify and collect evidence for submission to a crime laboratory. The handbook is designed to serve as a quick reference on effective procedures for the collection, preservation, and transmittal of evidence for examination, analysis, and presentation at the time of prosecution."
HV8073.V76E9 2005

HV8073.U56
Fire and arson investigation techniques, volume 1. Tape 4: The Case of “The Suspect’s Spectrum”. [Videotape] Practical Video LLC; 2001; 1 hour
"Each scene examines causative factors and supporting evidence, indicates possible code violations and alternative “best practices,” and where possible, shows the resolution.” Library also owns instructor workbook for set (172p.) Please request only 2 tapes at a time from this series!

"What happens to evidence collected at the scene? Join Dave as he delivers fire scene debris to Buck Analytical and Testing Labs in Cortland, NY. You'll learn first-hand the importance of proper evidence collection and handling, and see how this world-class lab analyzes the evidence and prepares forensic reports that will stand up in a court of law. You'll learn how GC-MS operates, “best-practices” for evidence collection and handling, and how lab reports are created and interpreted."

HV8079.A7R32 2001 #4

Fire and arson investigation techniques, volume 1. Tape 7: The Case of “The Residents’ Evidence”. [Videotape] Practical Video LLC; 2001; 1 hour
"Each scene examines causative factors and supporting evidence, indicates possible code violations and alternative “best practices,” and where possible, shows the resolution.” Library also owns instructor workbook for set (172p.) Please request only 2 tapes at a time from this series!

"As any investigator can tell you, it may take years to settle a suspected arson case. During that time, evidence collected at the scene must be carefully handled, cataloged and stored. This volume features The Case of the Residents’ Evidence with Dave showing how to work with large items, how to assess damage and “cause or consequence,” and special considerations related to long term storage of such items. Dave reviews a number of appliances on this tape and shows what to be especially aware of when looking for “cause or consequence” with each appliance."

HV8079.A7R32 2001 #7

Hayden, William E. Evidence spoliation issues affecting the fire and explosion investigator: developing a guideline for the fire and explosion investigator to avoid and defend against evidence spoliation claims. Ann Arbor, MI: UMI ProQuest, 2004. 70p.
KF8961.H41E9 2004

KF8961.K77S7 2006

KF8961.N25S7 1997

TH9504.N736 FSEC

Gohar, Mohamed M. Collection, preservation and submission of physical evidence of a suspected arson or bombing. Ohio Division of the State Fire Marshal, 1990. 17p.
Kept in vertical files [under ARSON BY TITLE, "B-C"]

Newcomb, Randy L. Identification, preservation, and analysis of computers recovered during a fire investigation. New York State Police, Troop "E", 2005. 9p. Copy of the PowerPoint notes of the presentation made at the November 2005 Arson Seminar held at the NYS OFPC Academy of Fire Science in Montour Falls, NY
Kept in vertical files [under ARSON BY TITLE, "H-L"]

Kept in vertical files [under ACCELERANTS]
EVIDENCE IN THE COURTROOM  (see also Legal Aspects and Trial Preparation)

Available at: https://www.cfitrainer.net/Training_Programs/Introduction_to_Evidence.aspx
Notes: This on-demand training module takes about 1.5 hours to complete, plus has suggested readings. Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: “This program is the first in a series that will look at evidence from the perspective of the fire investigator. The program introduces the fire investigator to the concept of evidence, the legal aspects involved in the collection and presentation of evidence in a legal proceeding, and how the investigator should prepare to present the evidence collected in court…” Approximate reading time: 2.5 Hours; approximate online time: 1.5 Hours

Not owned - access from Website
Available at: http://www.interfire.org/features/demonstrative.asp
"Demonstrative aids, usually presented during the court testimony of an expert witness, can greatly assist the jury in understanding the case and the facts as presented and interpreted by the expert. If a demonstrative aid is an actual piece of evidence ("demonstrative evidence"), NFPA 921 recommends that it be authenticated through either witness identification or chain of custody. To help investigators understand and visualize the strong demonstrative aids they can create, this article reviews the most common types of demonstrative aids and presents sample fictional exhibits based on the facts of the interFIRE VR case at 5 Canal Street."

Available at: http://www.interfire.org/training/trial/trial.asp. Notes: Not owned - access from Website. Abstract: "Preparing for trial is a key, an often overlooked, aspect of the fire investigator’s job. For you to successfully present your investigation and conclusions to the jury requires more than just being prepared. This module provides guidance in how to complete important pre-trial tasks and allows you to download numerous aids you can use every day as you discharge your duties."

   HV8079.A7R81

   KF8961.G43S5

   KF8961.S27

   KF8967.P9R3

   KF8967.S57

   KF9660.I34C8

Abstract: Video tour of a modern courtroom in Corpus Christi, TX, which shows how technology such as video projection, audio recording and other electronics are used to their best advantage in presenting evidence in court.
EVIDENCE FROM EXPERT WITNESSES  (see also Legal Aspects and Trial Preparation)


Notes: This on-demand training module takes about 2 hours to complete, plus has suggested readings. Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "The basics of the scientific method are deceptively simple: observe, hypothesize, test, and conclude. But, how do you really implement the scientific method in a fire investigation? What do you do to hypothesize? How do you test your hypotheses? And how do you accurately validate conclusions? This module shows you, step by step, how to investigate a fire scene by applying the scientific method. And, it explains the impact of key court decisions affecting the legal validity of the methodologies governing how a fire is investigated, including Daubert and Benfield...You should expect that this program will require the following time: Approximate reading time: 1.5 Hours; Approximate online time: 1.5 Hours"


Notes: This on-demand training module takes about 1 hour to complete, plus has other resources such as PowerPoint slides, documents and suggested readings. Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "This program discusses the latest developments in expert testimony under the Daubert standard, including the Magneteck case recently decided in the United States Circuit Court of Appeals. This program also addresses two recent court decisions on the scope and admissibility of expert testimony in fire and explosion litigation cases..."


VF8726.V98L2 2003


KF8726.V98L2 2003

Factors impacting expert testimony by fire investigators. Chicago, IL?: National Association of State Fire Marshals? 2010. CD was labeled "Expert Witness Resource CD"


KF8961.N27F2 2010


KF8961.K77S7 2006


KF8961.B76L2


KF8961.M38E3


KF8961.M48E9 1999

Handout for subrogation presentation made at the Arson Seminar held at the NYS Academy of Fire Science in Montour Falls, Nov. 5-7, 1997
KF8961.N25S7 1997

KF8961.N26A3 2002

KF8961.S27

KF6169.3 .E8N53

[Daubert v. Merrell Dow Pharmaceuticals, 509 U.S. 579, argued March 30, 1993, decided June 28, 1993, and related briefs and documents taken from various Internet sources]. On the 1993 Supreme Court decision on expert witnesses and Federal Rules of Evidence which has been called "the most important case to involve scientific evidence in seventy years." The case itself runs approx. 12 pages; the other commentaries we have on it total about 65 pages.
Kept in vertical files [under EVIDENCE--LAW]

People v. Maxwell, 497 NYS 2d 735 (A.D. 2 Dept. 1986), 2p. Case decided in New York State regarding testimony of an expert witness as to the cause of fire
Kept in vertical files [under EVIDENCE--LAW]

EXPLOSION INVESTIGATION (see also Bombs & Incendiary Devices and Fire Investigator Safety)

Available at: http://www.cfitrainer.net/Training_Programs/Explosion_Dynamics.aspx
Notes: This on-demand training module takes about 1 hours to complete, plus has suggested readings (approx. 3 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "This module teaches the foundational knowledge of explosion dynamics, which is a necessary precursor to investigating an explosion scene. This foundational knowledge includes the types of explosions, proper terminology when classifying explosions and explosion damage, explosion effects, important factors in the causes of naturally-occurring explosions, and the characteristics of explosives."

HV8079.A7M55

HV8079.A7N66

Hazardous materials for fire and explosion investigators: guidelines and procedures. Chester, MD: Red Hat Publishing. 1998. CD-rom accompanied by text (179p.) Interactive CD-rom includes book text, site safety plan, report forms, checklists and hot-linked fire web sites
TH99446.H38H64 1998

TP270.B57F7 1998

TP270.K36E9
TP270.T25G9 2000

Federal Bureau of Investigation. Post blast investigator school. US Dept. of Justice, FBI, n.d. approx. 500p. Curriculum materials and handouts presented to students at the course hosted July 2000 at the New York State Academy of Fire Science
TP270.U6P85

TP270.Y19


FATAL FIRE INVESTIGATION

Investigating fatal fires. [Web resource] 2008. WARNING: This program includes photographs which may be disturbing to some viewers. This on-demand training module takes about 1.5 hours to complete, plus has suggested readings (approx. 2.5 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations Available at: http://www.cfitrainer.net/Training_Programs/Investigating_Fatal_Fires.aspx
"Investigating Fatal Fires builds upon the user’s existing knowledge of fire investigation and illustrates the additional steps and procedures necessary to conduct the successful investigation of a fatal fire. In addition, users will expand their knowledge base regarding the effects of fire, heat, smoke, and related byproducts on the human body and the ways in which they can lead to death....This module provides fire investigators with a thorough understanding of the ways an investigation changes when a fire-related death occurs. Prior to watching the media elements of this program, it is recommended that you carefully review the required reading materials..."

Corbitt-Dispierro, Cathleen. Fatalities at the fire scene: simple steps for strong results [Web resource]. Available at: http://www.interfire.org/features/fatalities.asp. Abstract: "...Fire investigators must know how to process fatalities properly to preserve their evidentiary value. Failure to engage in proper practices can compromise investigative conclusions and the admissibility of evidence at trial. This article covers the crucial steps fire investigators and fire first responders must know to properly preserve and collect evidence associated with fire victims."


Arson investigations. A&E Home Video; 2002; 50 min. videotape
"Go behind the scenes of Chicago's groundbreaking war on arson the most under-reported felony in America. Over 100,000 arsons were reported in 1996, and authorities believe that the real number may be two or three times higher. It is the most under-reported crime in America, and one of the most costly and deadly. But in Chicago, a groundbreaking enforcement effort has helped put out the fires, convicting arsonists at twice the rate of any other American city. Arson Investigators goes behind the scenes of Chicago's war on arson for an up-close look at this crime and the how it is being stopped. Explore the case of Tony Stokes, who set fire to his townhouse unit after an argument with his wife. His three children were trapped in their bedroom and died, but Stokes, like many arsonists, argued that he should not be convicted of murder since he did not intend to kill them. Investigative Reports (tm) also reveals the scope of arson-for-profit schemes and the surprising involvement of children in many arsons. This is an eye-opening look at the state of arson in America today. "
HV8079.A7A11 2002

Death by fire. [DVD] WGBH Boston; Public Broadcasting System; 2010; 1 hr.; May be viewed online at http://www.pbs.org/wgbh/pages/frontline/death-by-fire/
"Did Texas execute an innocent man? Several controversial death penalty cases are currently under examination in Texas and in other
states, but it's the 2004 execution of Cameron Todd Willingham -- convicted for the arson deaths of his three young children -- that's now at the center of the national debate. In *Death by Fire*, FRONTLINE gains unique access to those closest to the Willingham case -- meticulously examining the evidence used to convict Willingham, offering an in-depth portrait of those most impacted by the case, and exploring the explosive implications of the execution of a possibly innocent man." Since 1976, when the Supreme Court lifted a ban on execution, Willingham is the most prominent case of a person who was convicted and executed for a crime he may not have committed. According to arson experts, there was nothing in the evidence presented at his 1992 trial that suggests it was an arson fire that killed his three children. Website includes the full video program, readings, documents, interviews and information on the reliability of forensic evidence related to arson fires.

**HV8079.A7W551 2010**

**HV8079.H6F35 2008**

The Lime Street fire investigation. Applied Technical Services; 54 min. [Videotape or DVD]  
On the investigation and test-burn recreation of a 10/15/90 residential fire in Jacksonville, FL which killed 6. Problems and errors in the State's murder/arson case against the estranged husband are discussed  
**HV8079.A7A64**

**HV8079.A7E35**

Oversight report into the investigation of the 12/2/91 Mount Pleasant (Westchester Co.) fire.  
Olivia Riner was later acquitted of arson and murder charges in what was popularly known as the "Swiss Nanny Trial"  
**HV8079.A7N48**

**HV8079.A7R31 1997**

Death investigation: an overview. New York State Academy of Fire Science; 1995; approx. 90 min. videotape  
Tape of a presentation made 11/2/95 during the Arson Seminar  
**HV8079.A7W51**

**Spontaneous human combustion. A&E Television Networks; 1997; 50 min. videotape**  
"It is among the most controversial of phenomena and the hardest to explain. It is said to consume its victims from the inside out, turning them to cinders while leaving their surroundings relatively untouched. Sometimes the fire is so localized that the victim's torso and head are destroyed while the legs and hands actually remain intact. One victim was engulfed in a fire so intense that it decimated her in less than 20 minutes. In THE UNEXPLAINED: SPONTANEOUS HUMAN COMBUSTION, believers in the phenomenon go head-to-head with skeptics and fire investigators. Interviews include emergency personnel who answered 911 calls and saw the remains of victims, fire experts who investigated deaths that have been purportedly caused by S.H.C., relatives of S.H.C. victims, as well as witnesses to S.H.C. deaths."  
**HV8079.H6A1 1997**

**HV8079.H6A76 1995**

**HV8079.H6C37 2000**

**HV8079.H6D61 1999**

**HV8079.H6E42 1993**

**Ende, Catherine J.** A guideline for the investigation of fatal fires: a research project submitted to National University in partial fulfillment of the requirements for the degree of Master of Forensic Sciences. s.l.: s.n., 2003. 84p.  
**HV8079.H6E56 2003**
HV8079.H6G29

HV8079.H6L76

HV8079.H6R19 1992

HV8079.H6S64

Available at http://www.ncjrs.gov/pdffiles/167568.pdf
HV8079.H6U61 1999

RA1085.L72P8

RC87.7.C59B9 2006

Handout prepared for the 1/4/88 - 1/15/88 ATF Fire/Arson Investigation Course held at the Academy
Kept in vertical files [under ARSON BY TITLE, "M-O"]

Kept in vertical files [under ARSON BY TITLE, "S-Z"]

Kept in vertical files [under ARSON--NEW YORK]

Topical Fire Research Series, vol.5 #1
This study found that the leading cause of fire fatalities was arson (27%) following by smoking (18%)
Kept in vertical files [under FIRE LOSSES]

**FIRE BEHAVIOR (GENERAL)**

Fundamentals of residential construction. [Web resource] 2010
Available at: https://www.cfitrainer.net/Training_Programs/Fundamentals_of_Residential_Building_Construction.aspx
"This module provides instruction on the fundamentals of residential building construction with an eye toward how building construction affects fire development. The module presents the major types of construction used to build single-family and small multi-family residences in housing stock similar to single family homes (i.e., duplexes and triplexes). Then, the module covers building components from a fire spread perspective. Throughout, the module includes a discussion of how the various construction techniques can affect fire development and impact fire investigator safety... You should expect that this program will require the following time: approximate reading time: 2.0 Hours; approximate online time: 1.0 Hours."
"Fire Investigation from a Codes Standpoint." Firefighter Training Series. [DVD] Critical Information Network; Critical Information Network; December 2009; Approx. 30 min.; Accompanied by curriculum guide

"This course examines the fire investigation process from a codes standpoint, paying close attention to NFPA 921. It also examines conditions relative to fire and smoke spread that are used in fire investigation, as well as how codes can be applied in determining cause of property damage and cause of bodily injury or loss of life in a fire incident."

[Uncataloged - request from Librarian] interFIRE Training Module: inside the interFIRE VR burn [Web resource]. 2006; Accessed 2006. Available at: http://interfire.org/trainingcenter.asp. Notes: Not owned - access from Website. Page includes a link to the test documentation by A.D. Putorti Jr and J. McElroy of NIST, revised 2000. Abstract: "Go inside the interFIRE Scenario for an unprecedented look at how compartment fires develop. You'll see the fire develop from four angles simultaneously. You'll watch fire dynamics theory come to life as the data tells the story of the fire's development. Did we achieve flashover? Watch and see..."


Notes: This on-demand training module takes about 2 hours to complete, plus has suggested readings. Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "The basics of the scientific method are deceptively simple: observe, hypothesize, test, and conclude. But, how do you really implement the scientific method in a fire investigation? What do you do to hypothesize? How do you test your hypotheses? And how do you accurately validate conclusions? This module shows you, step by step, how to investigate a fire scene by applying the scientific method. And, it explains the impact of key court decisions affecting the legal validity of the methodologies governing how a fire is investigated, including Daubert and Benfield... You should expect that this program will require the following time: Approximate reading time: 2.0 Hours; Approximate online time: 2.0 Hours"


Notes: This on-demand training module takes about 2 hours to complete, plus has suggested readings. Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "The basics of the scientific method are deceptively simple: observe, hypothesize, test, and conclude. But, how do you really implement the scientific method in a fire investigation? What do you do to hypothesize? How do you test your hypotheses? And how do you accurately validate conclusions? This module shows you, step by step, how to investigate a fire scene by applying the scientific method. And, it explains the impact of key court decisions affecting the legal validity of the methodologies governing how a fire is investigated, including Daubert and Benfield... You should expect that this program will require the following time: Approximate reading time: 1.5 Hours; Approximate online time: 1.5 Hours"

Charleston Sofa Super Store fire [Web Resource]. 2011. Available at: http://cfitrainer.net/Training_Programs/Charleston_Sofa_Super_Store_Fire.aspx . Notes: This on-demand training module takes about 1 hour to complete, plus has suggested readings (approx. 2 hours). Fire investigators may register at http://cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "A fire occurred on the evening of June 18, 2007, in the Sofa Super Store in Charleston, SC that resulted in the deaths of nine fire fighters. NIST analyzed the fire ground, consulted with other experts, and performed computer simulations of fire growth alternatives. This program focuses on the fire analysis portion of the NIST technical investigation. Recommendations based on NIST’s simulation of events are also presented."

Fire protection systems [Web Resource]. 2011. Available at: https://www.cfitrainer.net/Training_Programs/Fire_Protection_Systems.aspx . Notes: This on-demand training module takes about 30 minutes to complete, plus has suggested readings (approx. 1 hour). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "This module will describe the most commonly encountered fire protection systems and discuss how to incorporate their identification and function into the investigation process. The emphasis will be on: what the systems are intended to do; why they don't always perform the way they're supposed to; and how to determine what went wrong."

International Association of Arson Investigators. An analysis of the Station Nightclub Fire [Web resource]. Accessed 2006. Available at: http://www.cfitrainer.net/Training_Programs/An_Analysis_of_the_Station_Nightclub_Fire.aspx Notes: This on-demand training module takes about 90 minutes to complete, plus has other resources such as handouts and suggested readings (reading time estimated at 2-1/2 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "A band that was performing that night, during its performance, used pyrotechnics that ignited foam insulation lining the walls and ceiling of the platform being used as a stage. The fire spread quickly along the walls and ceiling area over the dance floor. Smoke was visible in the exit doorways in a little more than one minute, and flames were observed breaking through a portion of the roof in less than five minutes. Egress from the nightclub was hampered by crowding at the main entrance to the building. One hundred people lost their lives in the fire... This program is an overview of the findings of the NIST National Construction Team investigation of the Station Nightclub Fire on February 20, 2003 in West Warwick, Rhode Island. This presentation will focus on the fire analysis portion of the NIST technical investigation. The presentation addresses the type of information or materials that need to be collected to develop to a timeline, and the data needed
for simulating the fire conditions. Both physical and numerical simulations were conducted and an overview of those results will be presented. The potential impact that an automatic sprinkler system would have had on the fire is also demonstrated..."
Standards and Technology. Presented at the 5/91 IAAI annual meeting in New Orleans
Kept in vertical files [under ARSON BY TITLE, "D-G"]

Kept in vertical files [under ARSON BY TITLE, "H-L"]

A chart of degrees Fahrenheit, heat generated, and reaction of several commonly found causes of ignition
Kept in vertical files [under ARSON BY TITLE, "S-Z"]

Kept in vertical files [under ARSON BY TITLE, "S-Z"]

Arson investigation and awareness, Working Fire. April 1996. 4 10:00. The first week of May is Arson Awareness Week. Arson Investigator Bill Buxton goes through a burned out structure, pointing out the telltale signs of arson. Two public service announcements for television stations to run are also provided
[Uncataloged - request from Librarian]

[Uncataloged - request from Librarian]

Fire investigation: part I. Exterior evaluation, Working Fire. May 1995. 5 9:53. As a fire company first on scene, you'll be able to give fire investigators valuable information about how the fire was burning, the position of furniture, doors and windows. Asst. Chief Ken Hines begins his three-part series on Fire Investigation for both the fire company and chief officer. Good common sense reminders and some tips on how to help fire investigators
[Uncataloged - request from Librarian]

Fire investigation training. Part II: interior investigation, Working Fire. July 1995. 7 10:12. In part two of our series on fire investigation, Asst. Chief Ken Hines takes us inside the structure to discuss common sense items to look for on mop-up and overhaul. He also discusses what investigators may want first responders to pay attention to during extinguishment and overhaul
[Uncataloged - request from Librarian]

Tricks of the trade, American Heat. May 1999. 7:15. Seasoned fire investigators lead us through a burned-out home, showing us how they look at a fire scene. Their experience as firefighters give them vital knowledge of fire behavior. We then meet another crew of investigators as they struggle to find evidence in what seems to be an arson fire
[Uncataloged - request from Librarian]

Firefighting Skills. FETN; Westcott; August 2003; Approx. 120 min. videotape
Accompanied by curriculum guide
(Among other segments on tape) #038-0022, "Fire Origin & Cause Determination, part 2, Fire Behavior" (part 2 of 6)
[Uncataloged - Request from Librarian]

**FIRE BEHAVIOR - SPALLING, BURN PATTERNS, SPONTANEOUS COMBUSTION, ETC.**

Abstract: "...The presence of spalling at a fire scene was traditionally seen as an indicator that the fire had burned very hot, which could only occur if an ignitable liquid was used. However, physics and research have not borne this out to be fact..."

Fire, arson & explosions video. [Web resource. Several short (1- to 3-minute) clips on burn patterns and arson indicators by Eastern Kentucky University]
Available at [http://firevideos.eku.edu/fire-science/fire-arson-explosions-videos/](http://firevideos.eku.edu/fire-science/fire-arson-explosions-videos/)
This on-demand training module takes about 1.5 hours to complete, plus has suggested readings (approx. 2.5 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations.
Available at: https://www.cfitrainer.net/Training_Programs/Postflashover_Fires.aspx
"This module assists the fire investigator in understanding how fire patterns created in the preflashover period that fire investigators often rely on to understand a particular fire’s history and locate its area of origin can be significantly changed when the fire progresses to the postflashover period."

This on-demand training module takes about 1.5 hours to complete, plus has suggested readings (approx. 1.5 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations.
Available at: https://www.cfitrainer.net/Training_Programs/Understanding_Fire_Through_the_Candle_Experiments.aspx
"The Understanding Fire Through the Candle Experiments module was derived from Faraday’s book, "The Chemical History of a Candle." By performing flame experiments using a candle, analyzing the physical phenomenon observed, and demonstrating how mathematical equations explain and predict the observed physical phenomenon, you will understand basic techniques for predicting fire...This module provides a practical overview of why flame behavior is important in fire analysis and fire investigation. Prior to watching the media elements of this program, it is recommended that you carefully review the required reading materials..."

This on-demand training module takes about 1.5 hours to complete, plus has suggested readings (approx. 1.5 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations.
Available at: http://www.cfitrainer.net/Training_Programs/Building_Structures_and_Systems_on_Fire_Development.aspx
"The program examines the importance of assessing the impact of ventilation on a fire. This module assists the fire investigator in understanding how hot gases flow in a structure fire, what ventilation sources may be present at a structure fire, how ventilation may affect a fire, and how air flows through a compartment."


Accompanied by instructor's guide (43p.)
HV8079.A7N23 Pt.4

Available at http://www.ncjrs.org/pdffiles1/nij/186634.pdf
HV8079.A7P98 2001

HV8079.A7S52 1997

Spontaneous human combustion. A&E Television Networks; 1997; 50 min. videotape
"It is among the most controversial of phenomena and the hardest to explain. It is said to consume its victims from the inside out, turning them to cinders while leaving their surroundings relatively untouched. Sometimes the fire is so localized that the victim's torso and head are destroyed while the legs and hands actually remain intact. One victim was engulfed in a fire so intense that it decimated her in less than 20 minutes. In THE UNEXPLAINED: SPONTANEOUS HUMAN COMBUSTION, believers in the phenomenon go head-to-head with skeptics and fire investigators. Interviews include emergency personnel who answered 911 calls and saw the remains of victims, fire experts who investigated deaths that have been purportedly caused by S.H.C., relatives of S.H.C. victims, as well as witnesses to S.H.C. deaths."
HV8079.H6A1 1997


Doctoral dissertation submitted to the Mechanical Engineering Department, Univ. of California at Berkeley
Title refers to the effect of prolonged heat treatment on the ignition properties of wood and similar cellulosic materials in the context of structural fire safety. Author's work includes a historical overview of the literature, "pyrophoric carbon" and thermal inertia, tests on wood chips, and conclusions
The black hole of Oakland. Applied Technical Services; 33 min. [Videotape or DVD]
Forensic examination of homes destroyed in the 10/20/91 Oakland, CA wildfire. Some traditional "indicators" or arson (such as spalling, furniture springs, etc.) are shown to be unreliable


Chief officer. FETN; Westcott; March 2000; 53 min. videotape

"Blaze: From the Flames," a series from Britain's BBC that takes an international look at arson, fire investigation and human behavior in and around fire. This segment explores a fast-moving Dublin night club fire that killed 48 people at the Stardust Club; how fire spread from the basement to the top floor of a Hong Kong highrise in minutes; and the Meridian Plaza highrise fire in Philadelphia, in which a fire caused by spontaneous combustion of rags contaminated with linseed oil killed three firefighters. Includes a look at how ATF trains investigators and how they investigated the Meridian Plaza fire.

[Uncataloged - Request from Librarian]

FIRE INVESTIGATION PLANNING & MANAGEMENT (see also Task Force)

Managing criminal investigations. Natl. Inst. of Law Enforcement and Criminal Justice; NILECI; 1979; 56 min. videotape


HV8079.A7U521

HV8079.A7U583

HV8079.A7U583

Summary of arson trends, investigation unit best practices, current state of the art and needs
HV8079.A7U61 2004

HV8079.A7W42

Copy of the PowerPoint notes of the presentation made at the November 2005 Arson Seminar held at the NYS OFPC Academy of Fire Science in Montour Falls, NY
Kept in vertical files  [under ARSON BY TITLE, "A"]

Kept in vertical files  [under ARSON BY TITLE, "M-O"]

Detroit arson. American Heat. May 1999. 4:54. The Chief of the Detroit Fire Department Arson Section describes the overwhelming caseload facing his unit, followed by a ride-along with two investigators as they begin a long night of probable-arson assignments
[Uncataloged - request from Librarian]

This on-demand training module takes about 1.5 hours to complete, plus has suggested readings (approx. 1.5 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations
Available at: https://www.cfitrainer.net/Training_Programs/Managing_Complex_Fire_Scene_Investigations.aspx  "This module focuses on how to manage investigations that have 'complicating' factors. These complicating factors can be things like fatalities, hazardous or industrial materials, multiple buildings, structural collapse, explosions, intense public interest in the incident, or multiple agency involvement. The scene doesn’t have to be physically large for the investigation to become complicated that require additional management steps to properly investigate the scene. Putting the information in this module to work requires the local fire investigator to build an effective investigatory team by taking a fresh look at the resources already in place in the community, county, state, and nation and seeking out new resources. When creating a fire investigation plan for your community, fully explore all available resources and personnel, including the municipal police department, sheriff's department, state police or state criminal investigation bureau, medical examiner, State Fire Marshal's Office, ATF Field Office, and private contractors.  This module deals only with “on scene” tasks. The follow-up investigation is not included. Many of approaches outlined in this module are applicable to all investigations, whether they are “complicated” or not."

FIRE INVESTIGATORS - QUALIFICATIONS / STANDARDS (see also Evidence from Expert Witnesses)

Available from https://www.cfitrainer.net/Training_Programs/Effective_Investigation_and_Testimony.aspx
This on-demand training module takes about 1 hours to complete, plus has suggested readings (approx. 2 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Before you take this module, it is recommended that you first complete two other CFITrainer.Net modules: “The Scientific Method” and “Fire and Explosion Investigations: Utilizing NFPA 1033 and 921”.
"The program will show how experts can successfully meet the legal standards for conducting an investigation and presenting testimony in court, as
well as meet the expectations of juries who unrealistically believe that CSI-type “smoking gun” forensic evidence is required for conviction. The module includes excerpts from a recent presentation by Guy E. “Sandy” Burnette, Esq. and Joseph P. Toscano, CFI, along with the demonstration of an expert witness cross-examination and a critical analysis of that examination to show what is required to present courtroom testimony effectively.”

Notes: On-demand training module. Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "This module introduces the principles of ethics in fire investigation and the practice of how to conduct professional duties ethically. First, the module reviews the roots and parameters of ethics codes and how codes apply to the fire investigator. Second, the IAAI Code of Ethics is presented as one example of an ethical code for fire investigators... You should expect that this program will require the following time: approx. reading time: 1.5 Hours; approximate online time: 1.5 Hours" 

Fire and explosion investigations: utilizing NFPA 1033 and 921. 2008. This on-demand training module takes about 1.5 hours to complete, plus has suggested readings (approx. 1.5 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Available at: http://www.cfitrainer.net/Training_Programs/Fire_and_Explosion_Investigations_Ultimate_NFPA_1033_and_921.aspx
This module focuses on two critical documents in fire investigation: NFPA 1033: Standard for Professional Qualifications for Fire Investigator and NFPA 921: Guide for Fire & Explosion Investigations. The module first explains the importance of the two documents, their basic content, and how they are developed and revised. Then, the discussion turns to how the two documents are related and how they can be used in a fire or explosion investigation. Using the framework of the scientific method, the module then shows how NFPA 921 can be used as a 'road map' for conducting a fire or explosion investigation. The module and its required reading also touch on the legal aspects of 1033 and 921 and how these documents are being used in court.”

Fire investigation (pt.1): the fire investigator. National Fire Protection Assn.; 1998; Approx. 25 min. videotape Accompanied by instructor's guide (53p.)
HV8079.A7N23 Pt.1

HV8079.A7R81

NFPA 1033 standard
KF3975.N35

McGory, Tom. Accreditation & control documents for fire investigation teams: an overview of the document control system used by the fire investigation team in Livingston County. Montour Falls, NY : Livingston County Fire Investigation Team, 2005. 10p. Copy of the PowerPoint notes of the presentation made at the November 2005 Arson Seminar held at the NYS OFPC Academy of Fire Science in Montour Falls, NY
Kept in vertical files [under ARSON BY TITLE, "A"]

New York State Attorney General's Office. [Informal opinion no. 98-44, dated 11/2/98, holding a county fire investigator should not also serve as a building inspector in the county. Issued at the request of Seneca County]. Albany, NY: NYS Dept. of Law, 1998. 2p. The Office agreed with the county's concern that a conflict of interest might result when fire investigators determine cause and origin of fires in buildings previously inspected and/or permitted by them in their capacity as building inspectors
Kept in vertical files [under FIRE INVESTIGATORS]

FIRE INVESTIGATORS - SAFETY

Approximate online time is 1 hour. Prior to watching the media elements of this program, it is recommended that you carefully review the required reading materials (approximate reading time 2 hours).
"This module presents critical electrical safety practices that every fire investigator should implement at every scene, every time. Content covered includes how electricity is supplied to a building, the electrical safety actions to complete during the preliminary scene assessment, ongoing electrical safety measures to be practiced throughout the investigation, what the investigator needs to know about static electricity, and what electrical safety equipment should be in the investigator's toolkit."


The HAZWOPER standard. [Web resource] 2010
Available at http://www.cfitrainer.net/Training_Programs/The_HAZWOPER_Standard.aspx
This on-demand training module takes about 1 hours to complete, plus has suggested readings (approx. 2 hours).
"This module provides introductory information on the Hazardous Waste Operations and Emergency Response (HAZWOPER) standard – 29 CFR 1910.120. The purpose of the module is to acquaint fire and explosion investigators with the basic requirements of HAZWOPER and the potential impact that HAZWOPER may have on conducting fire scene examinations involving hazardous materials or wastes."

Available at https://www.cfitrainer.net/Training_Programs/Fire_Investigator_Scene_Safety.aspx
This on-demand training module takes about 1.5 hours to complete, plus has suggested readings (approx. 2.5 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations.
"This module will provide a closer look at the many aspects of fire and explosion scene safety, including: industry regulations; recognizing physical, chemical, biological, and radiological hazards; hazard and risk assessment; and protective equipment. This module will include practical information that can be implemented at the scene to put 'safety first.'" Includes a link to a drill, https://www.cfitrainer.net/news/67c952e0-8419-4b2-bf29-f7f7242683fa/2007_Safety_Stand_Down_Drill.pdf

Includes pdf version of book on CD-rom
HV8079.A7D67 2002

Also designated NIOSH health hazard evaluation report # HETA 96-0171-2692. No other title available
Issued in response to a request from the BATF for a health hazard evaluation regarding respiratory hazards associated with fire investigations and the adequacy of investigators' respiratory protection. Environmental samples were collected from 5 staged fires, and monitoring detected formaldehyde, dust and sulfuric acid levels exceeding NIOSH exposure limits. The conclusions indicate fire investigators are exposed to irritants which cause acute effects and carcinogens which have chronic effects. Sampling results and observations made during the five fire scene investigations indicated that the use of appropriate respiratory protection and mechanical ventilation equipment can reduce the potential for exposure
HV8079.A7K55 1998

HV8079.A7R62

Interactive CD-rom includes book text (179p.), site safety plan, report forms, checklists and hot-linked fire web sites
TH99446.H38H64 1998

Kept in vertical files [under FIRE INVESTIGATORS]

Also designated NIOSH health hazard evaluation report # HETA 2004-0368-3030. No other title available
On August 19, 2004, the National Institute for Occupational Safety and Health (NIOSH) received a request from an agent at the BATF regarding potential exposures during fire scene investigations. Concerns were raised about the presence of contamination on uniforms upon completion of an investigation, removal of the contamination following home laundering, and contamination of home washing machines from contaminated uniforms....
Kept in vertical files [under FIRE INVESTIGATORS]
FIRE INVESTIGATORS - TRAINING, COURSES, ETC.

interFIRE Resource Center [Web resource]. Accessed 2004. Available at: http://www.interfire.org/resourcecenter.asp. Abstract: Topics include: "Before the Fire"; roll-up; preliminary assessment; fire scene examination; witness interviews; follow up & insurance; trial preparation; general topics (including arson basics, fire and arson statistics, fire dynamics, fire modeling, fire patterns, building construction, fatal fire investigation, report writing); other resources; product recall alters; vacant buildings; legal developments; recent additions


interFIRE Training Modules [Web resource]. Accessed 2004. Available at: http://www.interfire.org/trainingcenter.asp. Abstract: Interactive topics include: "Accelerant Detection Canine Unit"; "Teaching Fire Prevention with interFIRE VR" (use virtual reality from the interFIRE VR scene to teach fire prevention in this custom course designed for your presentations); "First Response from an Investigative Perspective" (as a first responder, learn how your observations can help an investigation); "Evidence Sampling for Ignitable Liquids Testing," (learn how to sample evidence with this quick reference online training module).

Critical thinking solves cases [Web resource]. Intl. Assn. of Arson Investigators, 2007. Available at: https://www.cfitrainer.net/Training_Programs/Critical_Thinking_Solves_Cases.aspx Notes: This on-demand training module takes about 1.5 hours to complete, plus has suggested readings. Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "This program brings three highly experienced fire investigators and an attorney with experience as a prosecutor and civil litigator together for a round table discussion of how investigators bring their investigations to the next level and solve cases.” Approximate reading time: 2.5 Hours; approximate online time: 1.5 Hours


TH9504.N765.PFI

Kept in vertical files [under ARSON BY TITLE, "S-Z"]

Insurance Committee for Arson Control. Options for claims training: training models for the detection, investigation, and litigation of fraud arson claims; industry training manuals and program. Chicago, IL : the Committee, approx. 15p.
Kept in vertical files [under INSURANCE CRIMES]

TH9157.H66F56 2005

Demonstrates a CD-rom based interactive training tool for fire investigators
[Uncataloged - request from Librarian]

**FIRESETTERS (GENERAL)** *(see also following categories for Firefighters, Juveniles and Serial Firesetters)*

HV6640.M3

HV8079.A7B26

Lewis, Nolan D. C. and Helen Yarnell. Pathological firesetting (pyromania). New York: Coolidge Foundation, 1951. 437p. Published as "Nervous and Mental Disease Monographs" #82
HV8079.A7L67

HV8079.A7M42

HV8079.A7P67

HV8079.A7P75

HV8079.A7R54

HV8079.A7S33

HV8079.A7V96

HV8079.A7V97

HV8079.A7W31


HV8079.A7W72 2005


Kept in vertical files [under FOREST FIRE--INVESTIGATION]

Firebugs. Film Communicators; 1986; 40 min. videotape
Includes characters which are somewhat stereotyped; portrayal of pyromania inconsistent with current research
"This in-depth program explores the psychological background of eight arsonists to discover the reasons behind their behavior. Each has a different motive and method. "Firebugs" emphasizes the role of the first-in firefighter in finding and preserving evidence for arson investigation."

HV8079.A7F47 1986

FIRESETTERS - FIREFIGHTERS THAT SET FIRES

Firemen firebugs. American Journal; King World Productions; 1995; approx. 6 min. videotape
Broadcast 5/25/95

HV8079.A7A512

Too close to the fire. CBS; CBS Video; 2002; approx. 10 min. videotape
11/20/02 broadcast on arson by firefighters

HV8079.A7C38 2002

Firefighter turned arsonist. Suffolk County [NY] Police Department; NYS Office of Fire Prev. and Control; 1994?; 5 min. videotape

HV8079.A7S95


HV8079.A7U45 2003


HV8079.A7W24 2002

Hunt for the serial arsonist. NOVA; WGBH Video; 1995; 60 min. videotape
Bizarre series of suspicious fires in retail businesses around Los Angeles from the mid-1980s to the early 1990's leads to the arrest of fire marshal John Orr

HV8079.A7W55

Novel written by John Orr, the Glendale (CA) fire marshal convicted of setting a series of suspicious fires, currently serving a life sentence for the deaths of 4 fire victims. "Controversy, intrigue and betrayal surround the author, John L. Orr and his uncut manuscript. Haunting questions continue to surround the parallels between Orr's real life and the lives of his fictitious characters in this compelling novel."

TH9119.O75P7 1991

TH9504.N765 ESS3


Kept in vertical files [under FIRESETTERS--FIREFIGHTERS ONLY]

Murphy, John K. and Beth L. Murphy. Firefighter arsonists: stopping the problem at the door of the firehouse. Fire Engineering, 2010. 8p.


“The fire service should be alarmed at the recent spate of news stories about firefighter arsonists. John K. Murphy and Beth L. Murphy offer a profile of warning signs to look for to identify possible arsonists in our ranks and best practices on how volunteer departments can screen for potential arsonists.”

Kept in vertical files [under FIRESETTERS--FIREFIGHTERS ONLY]


Kept in vertical files [under FIRESETTERS--FIREFIGHTERS ONLY]

New York State Attorney General's Office. [Informal opinion no. 98-50, dated 11/3/98, holding that although a person convicted of arson in any degree is ineligible to become a member of a volunteer fire company, the issuance to that person of an unrestricted certificate of relief from disabilities prevents automatic statutory disqualification. The certificate does not, however, prevent the fire company or fire district commissioners from exercising discretion to deny membership based on the facts and circumstances surrounding the arson conviction. Issued at request of the Gordon Heights Fire District, Port Jefferson]. Albany, NY: NYS Dept. of Law, 1998. 4p.

Kept in vertical files [under FIRESETTERS--FIREFIGHTERS ONLY]


Summary of portion of Laws of New York, 1999, chapter 423, which provided for an amendment to Executive, Town, Village and Not-for-Profit Corporation laws to take effect 4/1/00. (URL listed is a 3-page text of legislation for downloaded from NYS Assembly website)

Kept in vertical files [under FIRESETTERS--FIREFIGHTERS ONLY]


Memorandum from State Fire Administrator James A. Burns dated March 6, 2000 which was sent with several other documents to NYS volunteer fire departments. Accompanied by general instructions for filling out DCJS form 9, step-by-step instructions for completing DCJS-9, and a sample copy of the form itself

Kept in vertical files [under FIRESETTERS--FIREFIGHTERS ONLY]


Kept in vertical files [under FIRESETTERS--FIREFIGHTERS ONLY]

New York State Senate and New York State Assembly. [Text of a proposed amendment to Town Law, sect. 176-b, subdivision 16, in relation to initiation of a criminal history check of all volunteer members of fire district companies. Senate bill 1652, Assembly 2491, dated 2/1/95]. Albany, NY: NYS Senate/Assembly, 1995.

Kept in vertical files [under FIRESETTERS--FIREFIGHTERS ONLY]


A discussion of the problem by three fire marshals leads off the first of 4 segments in this series. Includes statistics, psychology of this behavior and discussion of an actual case

[Uncataloged - Request from Librarian]
Firefighter arson, part II, *Working Fire*, January 2000. 00-01 6:44. Accompanied by lesson plan and quiz  
Second of 4 segments in this series. Includes statistics, psychology of this behavior and attitude of the courts  
[Uncataloged - Request from Librarian]

Third of 4 segments in this series. Includes responsibility of the fire department, recruitment and screening  
[Uncataloged - Request from Librarian]

Series concludes with a roundtable discussion of prevention  
[Uncataloged - Request from Librarian]

Chief officer. FETN; Westcott ; May 2000; 51 min. videotape  
"Blaze: Burning Suspicion" is from a series by Britain's BBC that takes an international look at arson, fire investigation and human behavior in and around fire. This segment shows how arson investigators pin down the cause of deadly fires, and how California investigators caught an arsonist within their own ranks  
[Uncataloged - Request from Librarian]

**FIRESETTERS - JUVENILES**


**FIRE Solutions, Inc.** Intervening juvenile firesetters and their families: tools for intervention programs. Fall River, MA: FIRE Solutions, 1994. approx. 60p.  
HV809.A7F521

Playing with fire: a deadly game. Berkshire Film & Video; Berkshire Film & Video; 1991; 28 min. videotape  
Accompanied by manual. approx. 100p.  
HV8079.A7B51

To Hell and back: community awareness... VideoIndiana, Inc.; People's Burn Foundation; 2007; DVD with brochure  
*Contains graphic footage of burn injuries; preview before showing to an audience*

"...community prevention program for firefighters to use with adults, high school students and juvenile firesetter audiences..."  
RC87.7.P42T7 2007

HV8079.A7B61 1997

HV8079.A7B617


"...This study explored the motives of 17 school firesetter informants referred to the Phoenix Fire Department Youth Firesetter Intervention Program for setting school fires...The research revealed that students set school fires for various reasons, including, a desire to be entertained, boredom, external and internal peer pressure, to watch fire burn, anger at a teacher or parent, because they were cold, out of impulsivity or for no reason at all. Not one of the school firesetters reported that his or her school fire was based on a dislike of school or a desire to burn down the school building."

HV8079.A7C18
Don’t let your child get carried away. Burn Center, Children's Hospital Medical Center of Akron; 1998; 25 min. videotape
For middle- and high-school students as well as adults. Five real-life scenarios illustrate the many consequences of firesetting.
HV8079.A7C53 1998

HV8079.A7C78

HV8079.A7C692 1999

HV8079.A7C693 2000

HV8079.A7E36

CD contains entire text including all forms in the appendices
HV8079.A7F53 2006

HV8079.A7F52

HV8079.A7G28

HV8079.A7G28

HV8079.A7G28

HV8079.A7G28 2002

[Updated every 1-2 years] NFPA members may download free of charge from NFPA.org. Library owns latest version on CD and has online access.
HV8079.A7N234 2009--

HV8079.A7H74 1995

Complete juvenile firesetting DVD library. [DVD] The Idea Bank; [2006?]; 68 min. total; Teaching materials (scripts, lesson plans, discussion points, etc.) are included for all except "Interviewing Kids..." and "Child Firesetting...
Includes: "Family Focus" (60 min.); "In Their Own Words" (12 min.); "Four Years After" (8 min.); "Interviewing Kids At Risk" (10 min.); "Child Firesetting & Juvenile Arson" (10 min.); and "Making Good Choices" (12 min.).
HV8079.A7I15 2006
Family focus: a new juvenile firesetting DVD. [DVD] The Idea Bank; 2008; 60 min. Accomp. by 32-page teaching materials booklet

“This program explores the best ways for families to address the problem of juvenile firesetting successfully. Include segments (some in Spanish) for parents, caregivers and kids features personal accounts by families who have been affected by firesetting. These life stories are vivid teaching tools that reveal the full impact and consequences of fire. Nationally recognized leaders share ideas and resources drawn from successful intervention programs. This interactive DVD is designed to be used with family members of all ages and is a teaching tool for both adults and children who've been affected by firesetting.”

HV8079.A7I16 2008

Making good choices about fire safety. The Idea Bank; 2006; Accompanied by literature.

“Third program in The Idea Bank’s series on juvenile firesetting. This DVD features kids talking to kids. Two are burn survivors, three have set fires themselves, four are learning about the importance of fire safety, and all have a message to share. This 12-minute DVD is a terrific teaching tool to use with kids in 4th, 5th, and 6th grades...” From booklet’s table of contents: Vocabulary exercise; Crossword puzzle (2 p.); Home fire safety survey form; Escape plan guidelines (3 p.); Certificate of completion; “Being responsible” exercise; DVD points of discussion (2 p.); Sheet music & lyrics for “Escape plans”; Sheet music & lyrics for “Matches and Lighters”; Home fire safety checklist exercise; Juvenile firesetter resource guide; Tips for producing your own DVD (3 p.)

HV8079.A7I17 2006

Child firesetting & juvenile arson. Idea Bank; 2001; 10 min. videotape

HV8079.A7I18 2001

In their own words: three teenagers tell how their lives were changed by fire. Idea Bank; 1998; 12 min. videotape

Accompanied by lesson plan (5p.) and video script (12p.)

HV8079.A7I19 1998

Four years after. Idea Bank; 2002; 8 min. videotape. Accompanied by guide

Revisits Amy, Jason and Domingo (the teenagers we met in the video “In Their Own Words”) revealing the directions their lives have taken since the first video was released. Once again, the heart of the program lies in the power of their honesty as they tell their stories in their own words about how firesetting changed their lives

HV8079.A7I19 2002

Marked by fire: an arson awareness program for students. Insurance Federation of Minnesota; Insurance Federation of Minnesota; 1996; 20 min. videotape

Accompanied by 9-page discussion guide

HV8079.A7I59 1996


HV8079.A7I97


HV8079.A7K81 2002


HV8079.A7M15

The faces of juvenile fire setting. Maryland Fire and Rescue Institute; MFRI Bookstore; 1998; 12 min. videotape

Accompanied by 13-page leager’s guide and several brochures

HV8079.A7M39 1998


HV8079.A7N42


HV8079.A7N49 – Inquire at desk

HV8079.A7N59 1986-7


Accompanied by 8-page guide

HV8079.A7N272


HV8079.A7O66 1996


Library does not own a paper copy; please access online. School of Professional Psychology. Paper 84. "This Dissertation is brought to you for free and open access by the Theses, Dissertations and Capstone Projects at CommonKnowledge."

http://commons.pacificu.edu/spp/84

"...the relationship between (a) trauma symptoms and hyperactivity-impulsivity and (b) trauma symptoms and inattentiveness did not predict the level of firesetting severity in adolescents in residential care..."


HV8079.A7P65


HV8079.A7P66


HV8079.A7P85

Brian’s story: a fire awareness program. Real to Reel Video Productions; 1990; 20-min

On a juvenile firesetter convicted of setting a wildland blaze in CA which destroyed 6 homes

HV8079.A7R28


HV8079.A7R67


Second phase of a project funded in part by the NY State Office of Fire Prevention and Control. See also other volume.

HV8079.A7R67


HV8079.A7R67


HV8079.A7R68


HV8079.A7S15 1994
Katie and Max make a choice. Salem FD; 1998; 7 min. videotape
Presents the story of two children who play with fire; designed to stimulate children’s thinking about the consequences of fire play.


About the investigation and resolution of a series of fires and explosions set by 3 juveniles near Boulder, CO. Their targets were 4 schools, 3 vehicles and a gas station during a one-year period. The report documents good coordination between various agencies in catching the serial firesetters

**Striking out with matches.** Syndistar; 2000; 13 min. videotape. Accompanied by leader's guide booklet
A 12-year-old obsessed with matches plays with them alone in the bathroom and in front of his friend. He refuses to pay attention to the Fire Prevention Officer at school, and instead draws a picture of a house on fire - an ominous foreshadowing of the tragedy that results from his match-playing behavior

**In a flash: the consequences of juvenile firesetting.** Syndistar; 1997; 12 min. videotape. Accompanied by leader's guide booklet
The tragic consequences of fireplay are illustrated by the real-life story of Gordon Pranger. As a young boy, Gordon was severely burned. He was permanently scarred and disfigured by the accident, which also impaired his speech, hearing and mobility. Educators should preview this tape carefully before showing it to young or sensitive children


**United States Fire Administration.** Juvenile firesetter intervention specialist I: student manual. Emmitsburg, MD: United States Fire Administration, 2006. Approx. 500p. Used in the NYS OFPC course by the same name (I & II taught consecutively as a one-week course here)

**United States Fire Administration.** Juvenile firesetter intervention specialist I & II. Emmitsburg, MD: United States Fire Administration, 2005. Approx. 500p. Used in the NYS OFPC course by the same name (I & II taught consecutively as a one-week course here)


United States Fire Administration. Curious kids set fires. Washington, DC: the Administration, 1989. Includes resource guide (21p.); letter (1p.); media kit (8p.); teachers guide/lesson plan ages 3-6 (8p.); teachers guide/lesson plan ages 7-10 (9 p.); poster; and "Color-Me" Match Song for ages 3-6 (1 p.). Also available in Spanish  
HV8079.A7U581

HV8079.A7U589

HV8079.A7W56 2001

HV8079.A7W66

Rochester Fire Department F.R.Y Program. Rochester Fire Dept.; RFD ; 11 min. videotape  
HV8079.R69

TH9123.5 .B59F4

A lighter is not a toy: a fire-safety program for the parents of young children. National Fire Protection Association (Center for High-risk Outreach); 1997; 8:15  
Accompanied by 8-page presenter's guide  
TH9241.N23L72 1997

TH9503.U63C5 2000

TH9123.5 .D34K7

Kept in vertical files [under ARSON--NY]

Kept in vertical files [under FIRESETTERS]

Kept in vertical files [under FIRESETTERS]

Available at http://www.ncjrs.org/txtfiles/fs9751.txt (Fact Sheet #51 dated 1/97)  
Kept in vertical files [under FIRESETTERS]

Kept in vertical files [under FIRESETTERS]

Historical and sociological background of the interrelationship between arson and incest

   Kept in vertical files [under FIRESETTERS]


   Kept in vertical files [under FIRESETTERS]


   Kept in vertical files [under FIRESETTERS]


Submitted...for the degree Doctor of Philosophy in the Department of Counseling and Educational Psychology, Indiana University

"This study had two primary purposes. First, this study assessed the psychometric properties of the Federal Emergency Management Agency (FEMA) questionnaires used to record juvenile firesetting events (Fineman, 1997a, 1997b,1997c). Second, this study initiated preliminary analyses that (1) contributed to the identification of a typology of firesetters, (2) account for variance in the severity of fires set by juveniles, and (3) predicted the likelihood of recidivist behaviors in juvenile firesetters. Predictors were restricted to a limited set of exploratory variables; including age, sex, delinquency, pathology, and social skills. However, individual characteristics (delinquency, social skills, and psychopathology) were better predictors of recidivism, the magnitude of fire damage and the typology of firesetter."

HV8079.A7S63 2000


Issued as OJJDP Fact Sheet #91, Feb. 1999.

   Kept in vertical files [under FIRESETTERS]


   Kept in vertical files [under FIRESETTERS]

Arson, American Heat. Sept. 1987. 2; 3 An arsonist struck at the Patterson, New Jersey lumberyard on 7/25/87. An 8/1/87 factory fire is also shown; the arsonist was later arrested. Also, a segment on young people starting fires is included. A training program in Christiana, Delaware is geared to discourage and stop arson

   [Uncataloged - request from Librarian]

FIRESETTERS - SERIAL

Serial arson: common mistakes and habits of multiple fire setters. Bryant Productions; California Conference of Arson Investigators, IAAI Chapter 22; 1996; 12 min. videotape

Accompanied by 5-page instructor guide

   HV8079.A7C22 1996


Paul Keller set over 76 fires in the Seattle area, with losses totalling over $22 million. This tape was produced by his family, who contend that although Paul is competent responsible for his actions, the firesetting can be traced to brain damage he suffered at birth

   HV8079.A7G56


   HV8079.A7M37 2002

HV8079.A7S24


About the investigation and resolution of a series of fires and explosions set by 3 juveniles near Boulder, CO. Their targets were 4 schools, 3 vehicles and a gas station during a one-year period. The report documents good coordination between various agencies in catching the serial firesetters

HV8079.A7S78


HV8079.A7W24 2002


Novel written by John Orr, the Glendale (CA) fire marshal convicted of setting a series of suspicious fires, currently serving a life sentence for the deaths of 4 fire victims. "Controversy, intrigue and betrayal surround the author, John L. Orr and his uncut manuscript. Haunting questions continue to surround the parallels between Orr's real life and the lives of his fictitious characters in this compelling novel."

TH9119.O75P7 1991

Point of origin. HBO Films; HBO Home Video; 2003; 86 min. videotape

"Based on a true story, this twisting psychological thriller focuses on a serial arsonist whose terrifying six-year crime spree is juxtaposed with the increasingly desperate efforts of investigators to bring him to justice. Charged with investigating many of these fires is Captain John Orr (Ray Liotta), a legendary figure in the Glendale Fire Department, possessed with an uncanny ability to pinpoint the origins of a fire, as well as the devices by which an arsonist may have carried out the crime. Through a fingerprint left at the scene of one crime and a series of surprise revelations focusing on arsons set in several towns, the task force is able to close in on an unlikely suspect... and ultimately crack the case."

TH9119.O75P7 2003

Arson resources, *American Heat*. February 1992. 6; 8 8:30. A look at the resources that are used to bring a drifter who set fires across Florida to trial. Gainesville, FL is the site of a multi-agency task force. Includes a look at a volunteer incident information officer and how he deals with the media.

[Uncataloged - request from Librarian]

The serial arsonist, *American Heat*. May 1999 . 5:32. The Detroit Arson Section runs across the rarest of arsonists: the true pyromaniac. This is a frightening story of how one man single-handedly destroyed vast parts of a Detroit neighborhood.

[Uncataloged - request from Librarian]


[Uncataloged - request from Librarian]

First Line Supervisor: Classics. FETN; Westcott ; March 2002; Approx. 30 min. videotape

Program #700-0577 is a look back at the serial arsons at Florida churches in the 1990s

[Uncataloged - Request from Librarian]

**GENERAL FIRE INVESTIGATION - TEXTS, GUIDES, ETC.**

Firefighting Skills. [DVD] FETN; Westcott ; May 2008; Approx. 30 min.; Accompanied by curriculum guide.

Program #038-0508. *The Firefighter's Role in Cause and Origin.* ("We preplan for disaster, practice for disaster, and even fight disaster, but what about after the fire? Have we developed and fine tuned our keen sense to preserve the fireground for the post-fire investigation? In the excitement of fighting fires, do we pay attention to details that will assist in cause and origin? In this course, we..."
will look at observations that firefighters may make to assist cause and origin, other important information sources, and how firefighting operations affect the fire scene for investigation.

[Uncataloged - request from Librarian]

Fire investigator: principles and practice to NFPA 921 and 1033, 3rd ed. Sudbury, MA: Jones and Bartlett Publishers, 2012, 446p. (Student workbook also available.)
Produced as a cooperative venture by the International Association of Fire Chiefs, the National Fire Protection Association and the International Society of Fire Service Instructors
HV8079.A7J77 2012

How first responders impact the fire investigation [Web resource]. 2011.
Available at: https://www.cfitrainer.net/Training_Programs/How_First_Responders_Impact_The_Fire_Investigation.aspx .
Notes: This on-demand training module takes about 1.5 hours to complete, plus has suggested readings (approx. 1 hour). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "This module teaches first responders, including fire, police and EMS, how to make critical observations and take important scene preservation actions as they discharge their first responder duties. These observations and actions are crucial to the success of the subsequent fire investigation of the scene."

The first responder's role in fire investigation [DVD]. International Association of Arson Investigators; 2011. 22:50
Notes: In conjunction with the release of the DVD, the training module "How First Responders Impact the Fire Investigation" is also available on CFITrainer.Net®. Abstract: "...designed to teach first responders, including fire, police and EMS, how to make critical observations and take important scene preservation actions at the scene of a fire. The observations and actions of First Responders are crucial to the success of the subsequent fire investigation of an incident. The DVD program is supported with materials including an Instructor's Guide, a User's Guide, a Quick Reference Card, a Fire Incident Response Data Sheet and a presentation template for instructors. These materials are available in the Resources section of CFITrainer.Net®.

HV8079.A7I622 2011


HV8073.F49T25 1992

HV8079.A7B68 2004

HV8079.A7B82

HV8079.A7C21

HV8079.A7C28

HV8079.A7C37

HV8079.A7C45 2009

HV8079.A7D1 2004

HV8079.A7D41
Fire investigation. Detrick Lawrence Productions; Emergency Film Group; 1995; 28 min. videotape
93-page guide (by Ludwig Benner, Jr. and Cynthia Brakhage) also available
HV8079.A7D48 1995

HV8079.A7F3 1997

HV8079.A7F17 2000

HV8079.A7F74

HV8079.A7H63

HV8079.A7I6

Accompanied by 3.5" diskette containing charts, tables, and sample investigation report in Acrobat Reader format (pdf files)
HV8079.A7I27 1998

HV8079.A7I271 2009

HV8079.A7I63

HV8079.A7K31

HV8079.A7K35 2012

HV8079.A7L66 1999

Accompanied by instructor's guide (59p.)
HV8079.A7N23 Pt.2

Accompanied by instructor's guide (51p.)
HV8079.A7N23 Pt.5

Accompanied by instructor's guide (47p.)
HV8079.A7N23 Pt.6

HV8079.A7N41 1998

HV8079.A7N232

From the NFPA description: "This substantive resource has tables, charts, lists, art, and more from the most respected references in the field, including: NFPA 921 and NFPA 170; NFPA's Fire Protection Handbook; SFPE Handbook of Fire Protection Engineering... Complete backup is provided for every phase of the investigation process: before going to the fire scene; fire scene documentation and analysis; building construction and systems; information for the fire investigator; SI units and conversion tables."

HV8079.A7N232 2003


HV8079.A7N233 2005


HV8079.A7N252  2006


HV8079.A7P15


HV8079.A7P38 1998


HV8079.A7P48


HV8079.A7R31 1997

Fire and arson investigation techniques, volume 1. Tape 2: The Case of “The Toasted Teddies”. [Videotape] Practical Video LLC; 2001; 1 hour
"Each scene examines causative factors and supporting evidence, indicates possible code violations and alternative “best practices,” and where possible, shows the resolution.” Library also owns instructor workbook for set (172p.) Please request only 2 tapes at a time from this series!
"Join Dave and Bill Ostrander as they overhaul a residential fire scene. Watch as they solve the mystery of the missing woodstove doors, an important clue as to the origin of this fire. Dave and Bill both narrate in this on-scene, live investigation, pointing out many of the factors that must be considered when conducting a thorough investigation."

HV8079.A7R32 2001 #2

Fire and arson investigation techniques, volume 1. Tape 6: The Case of “The Disrupted Distributors” [Videotape]. Practical Video LLC; 2001; 1 hour
"Each scene examines causative factors and supporting evidence, indicates possible code violations and alternative “best practices,” and where possible, shows the resolution.” Library also owns instructor workbook for set (172p.) Please request only 2 tapes at a time from this series!
"Where do you start looking when the fire takes out a building the size of a city block? In The Case of the Disrupted Distributors, there are many small businesses located in a giant warehouse facility. One of these businesses just might be linked to the point of origin. Join Dave and his associates as they examine this large fire scene, and point out some amazing coincidences in the fire suppression system that only an insider would know. Also: "The Case of the Disrupted Distributors" and "The Case of the Corpulent Corpse."

HV8079.A7R32 2001 #6

Redsicker, David R. Fire and arson investigation techniques, vol 1. Instructor workbook. Ithaca, NY: Practical Video, 2001. 172p. Library owns the 8-tape video series which this workbook supports. Please request only 2 tapes at a time from this series!

HV8079.A7R32 2001IM
HV8079.A7R62

HV8079.A7S52 1997

Available at May be downloaded from http://www.ojp.usdoj.gov/nij/scidocs2000.htm
HV8079.A7T25 2000

HV8079.A7U52

HV8079.A7U588

HV8079.A7V15 2005

NFPA 921 standard (revised approx. every 3 years). See also related website, http://www.NAFI921.com, "dedicated to the discussion and understanding of NFPA 921"
KF3975.N35

Accompanied by text (179p.)
Interactive CD-rom includes book text, site safety plan, report forms, checklists and hot-linked fire web sites
TH99446.H38H64 1998

King, Charles G. Detecting arson: what the fire fighter should do. Hartford, CT: Aetna Life and Casualty, 12p.
Kept in vertical files [under ARSON BY TITLE, "D-G"]

Kept in vertical files [under ARSON BY TITLE, "D-G"]

Distributed during Mr. Burnette's keynote address at the Nov. 1995 Arson Seminar at the NYS Academy of Fire Science in Montour Falls
Kept in vertical files [under ARSON BY TITLE, "M-O"]

Kept in vertical files [under ARSON BY TITLE, "P-R"]

Kept in vertical files [under ARSON BY TITLE, "P-R"]

HV8079.A7I611 2010

REF
The San Francisco FD reviews the role of the fire investigator and procedures followed. Includes a staged car fire and structural fire scenario. Additional scenarios to follow in remainder of series
[Uncataloged - Request from Librarian]

[Uncataloged - Request from Librarian]

Chief officer. FETN; Westcott; May 2000; 51 min. videotape
"Blaze: Burning Suspicion" is from a series by Britain's BBC that takes an international look at arson, fire investigation and human behavior in and around fire. This segment shows how arson investigators pin down the cause of deadly fires, and how California investigators caught an arsonist within their own ranks
[Uncataloged - Request from Librarian]

Firefighter I: essentials of firefighting. FETN; Westcott; Sept. 1997; approx. 140 min. videotape
Each segment runs approx. 20-30 minutes. Accompanied by curriculum guide
Cause and origin, lesson 2; firefighter safety, parts 1 & 2; New York State Electric & Gas "Live Line Demonstration" (also listed separately in video catalog); firefighter safety, part 3
[Uncataloged - request from Librarian]

Firefighter I: fire essentials. FETN; Westcott; Sept. 1995; approx. 120 min. videotape
Each segment approx. 25 minutes; accompanied by curriculum guides
Building construction lesson 3, cause & origin lessons 1 & 2, fire alarms and communications
[Uncataloged - request from Librarian]

Firefighting Skills. FETN; Westcott; July 2003; Approx. 120 min. videotape
Accompanied by curriculum guide
(Among other segments) #038-0021, "Fire Origin & Cause Determination, part 1, Introduction to Fire Investigation" (part 1 of 6, factors one must consider when conducting an arson investigation)
[Uncataloged - Request from Librarian]

Firefighting Skills. FETN; Westcott; August 2003; Approx. 120 min. videotape
Accompanied by curriculum guide
(Among other segments on tape) #038-0022, "Fire Origin & Cause Determination, part 2, Fire Behavior" (part 2 of 6)
[Uncataloged - Request from Librarian]

Firefighting Skills. FETN; Westcott; Sept. 2003; Approx. 120 min. videotape
Accompanied by curriculum guide
(Among other segments) #038-0023, "Introduction to Fire Investigation/Fire Origin & Cause Determination, part 3, the Fire Scene" (part 3 of 6 includes protecting the scene, documentation, determining point of origin, etc.)
[Uncataloged - Request from Librarian]

Firefighting Skills. FETN; Westcott; Oct. 2003; Approx. 120 min. videotape. Accompanied by curriculum guide
(Among other segments) #038-0024, "Introduction to Fire Investigation/Fire Origin & Cause Determination, part 4, Ignition Sources" (part 4 of 6 includes causes such as electrical, accidental, arson and incendiary devices)
[Uncataloged - Request from Librarian]

Firefighting Skills. FETN; Westcott; Nov. 2003; Approx. 120 min. videotape. Accompanied by curriculum guide
#038-0025, "Introduction to Fire Investigation/Fire Origin & Cause Determination, part 5, A Systematic Approach" (part 5 of 6 includes basic structure fire investigation procedures, safety precautions, equipment requirements, methods of properly securing the fire building, and sources of investigation assistance)
[Uncataloged - Request from Librarian]

First line supervisor. FETN; Westcott; Jan. 1998; approx. 70 min. videotape
Each segment approx. 25 min.
High-rise firefighting, lesson 7; juvenile firesetters; accountability - standard operating procedure
[Uncataloged - request from Librarian]
**INCIDENTS, SPECIAL OCCUPANCIES, CASE STUDIES**


This on-demand training module takes about 1.5 hours to complete, plus has suggested readings (approx. 1.5 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations

Available at: https://www.cfitrainer.net/Training_Programs/Vacant_and_Abandoned_Buildings_Hazards_and_Solutions.aspx

"This purpose of this module is to provide fire investigators with an awareness of the unique characteristics of vacant and abandoned structures and how these characteristics contribute to the ways these structures often burn and the special challenges in investigating these fires. The module provides investigators with information on how to determine property ownership, an awareness of the special hazards posed by vacant and abandoned buildings and the challenges of conducting a safe and successful investigation..."

Death by fire. [DVD] WGBH Boston; Public Broadcasting System; 2010; 1 hr.; May be viewed online at http://www.pbs.org/wgbh/pages/frontline/death-by-fire/

"Did Texas execute an innocent man? Several controversial death penalty cases are currently under examination in Texas and in other states, but it's the 2004 execution of Cameron Todd Willingham -- convicted for the arson deaths of his three young children -- that's now at the center of the national debate. In Death by Fire, FRONTLINE gains unique access to those closest to the Willingham case -- meticulously examining the evidence used to convict Willingham, offering an in-depth portrait of those most impacted by the case, and exploring the explosive implications of the execution of a possibly innocent man.” Since 1976, when the Supreme Court lifted a ban on execution, Willingham is the most prominent case of a person who was convicted and executed for a crime he may not have committed. According to arson experts, there was nothing in the evidence presented at his 1992 trial that suggests it was an arson fire that killed his three children. Website includes the full video program, readings, documents, interviews and information on the reliability of forensic evidence related to arson fires.

HV8079.A7W551 2010


Available at: http://cfitrainer.net/Training_Programs/Charleston_Sofa_Super_Store_Fire.aspx

Notes: This on-demand training module takes about 1 hour to complete, plus has suggested readings (approx. 2 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "A fire occurred on the evening of June 18, 2007, in the Sofa Super Store in Charleston, SC that resulted in the deaths of nine fire fighters. NIST analyzed the fire ground, consulted with other experts, and performed computer simulations of fire growth alternatives. This program focuses on the fire analysis portion of the NIST technical investigation. Recommendations based on NIST’s simulation of events are also presented."


Available at: http://www.cfitrainer.net/Training_Programs/An_Analysis_of_the_Station_Nightclub_Fire.aspx

Notes: This on-demand training module takes about 90 minutes to complete, plus has other resources such as handouts and suggested readings (reading time estimated at 2-1/2 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "A band that was performing that night, during its performance, used pyrotechnics that ignited foam insulation lining the walls and ceiling of the platform being used as a stage. The fire spread quickly along the walls and ceiling area over the dance floor. Smoke was visible in the exit doorways in a little more than one minute, and flames were observed breaking through a portion of the roof in less than five minutes. Egress from the nightclub was hampered by crowding at the main entrance to the building. One hundred people lost their lives in the fire... This program is an overview of the findings of the NIST National Construction Team investigation of the Station Nightclub Fire on February 20, 2003 in West Warwick, Rhode Island. This presentation will focus on the fire analysis portion of the NIST technical investigation. The presentation addresses the type of information or materials that need to be collected to develop to a timeline, and the data needed for simulating the fire conditions. Both physical and numerical simulations were conducted and an overview of the those results will be presented. The potential impact that an automatic sprinkler system would have had on the fire is also demonstrated..."

Los Angeles burning: fires of the 1992 riots. Alan Simmons Productions; Alan Simmons; 1992; 1 3/4-hour

HV6474.S61L8

Arson investigations. A&E Home Video; 2002; 50 min. videotape

"Go behind the scenes of Chicago's groundbreaking war on arson the most under-reported felony in America. Over 100,000 arsons were reported in 1996, and authorities believe that the real number may be two or three times higher. It is the most under-reported crime in America, and one of the most costly and deadly. But in Chicago, a groundbreaking enforcement effort has helped put out the fires, convicting arsonists at twice the rate of any other American city. Arson Investigators goes behind the scenes of Chicago's war on arson for an up-close look at this crime and the how it is being stopped. Explore the case of Tony Stokes, who set fire to his townhouse unit after an argument with his wife. His three children were trapped in their
bedroom and died, but Stokes, like many arsonists, argued that he should not be convicted of murder since he did not intend to kill them. 

Investigative Reports (tm) also reveals the scope of arson-for-profit schemes and the surprising involvement of children in many arsons. This is an eye-opening look at the state of arson in America today.  

HV8079.A7A11 2002


HV8079.A7N22 1997

Commercial cause/origin research and evaluation kit includes guide, interview guide and worksheets

HV8079.A7P95

Mobile home fire: live burn report. New York State Academy of Fire Science; 1994; approx. 90 min. videotape
Presentation by John J. Lentini during the 11/94 arson seminar at the Academy

TH9445.M7L57


Kept in vertical files [under ARSON BY TITLE, "P-R"]

Oversight report into the investigation of the 12/2/91 Mount Pleasant (Westchester Co.) fire. Olivia Riner was later acquitted of arson and murder charges in what was popularly known as the "Swiss Nanny Trial"

HV8079.A7N48


Kept in vertical files [under ASSEMBLY OCCUPANCIES]

One-page press release dated 6/13/96; accomp. by letter dated 7/8/96 regarding related CFSI actions

Kept in vertical files [under ASSEMBLY OCCUPANCIES]

International Association of Arson Investigators/Grinnell Mutual Reinsurance Co. Arson prevention for America's churches and synagogues. St. Louis, MO: IAAI/Grinnell, 1996. brochure

Kept in vertical files [under ASSEMBLY OCCUPANCIES]


Kept in vertical files [under ASSEMBLY OCCUPANCIES]


Kept in vertical files [under FIRESETTERS]

Arson, American Heat. Sept. 1987. 2; 3 An arsonist struck at the Patterson, New Jersey lumberyard on 7/25/87. An 8/1/87 factory fire is also shown; the arsonist was later arrested. Also, a segment on young people starting fires is included. A training program in Christiana, Delaware is geared to discourage and stop arson

[Uncataloged - request from Librarian]

Arson resources, American Heat. February 1992. 6; 8 8:30. A look at the resources that are used to bring a drifter who set fires across Florida to trial. Gainesville, FL is the site of a multi-agency task force. Includes a look at a volunteer incident information officer and how he deals with the media.

[Uncataloged - request from Librarian]

Church arson fires, American Heat. January 1992. 6; 7 18:00. Central Florida is the target of an arsonist who has been active for 19 months. Topics covered are: financial strain to the fire departments, handling of the media, and a look at how the task force works. Arsonist worked in the Gainesville-Ocala area.

[Uncataloged - request from Librarian]
Church pre-planning: South Callaway County, MO, *Working Fire*, August 1996. 8; 10:40. In light of the church arson fires that have plagued the country in recent months, the federal government has enacted legislation to create stiffer penalties and make it easier to prosecute church burnings. This segment gives an overview of church arsons and a walk-through and pre-plan of one rural church in central Missouri

[Uncataloged - request from Librarian]

New York social club fire kills 87, *American Heat*, April 1990. 4; 10 3:00. An arson fire at the Happy Land social club, ordered shut down four months before, resulted in 87 deaths. A crackdown on approximately 700 other social clubs in New York City followed

[Uncataloged - request from Librarian]

Suspicious church fire: Louisville, KY, *Working Fire*, Sept. 2000. 00-9 8:43. ATF agents were called in immediately to investigate this fire, which may have been a case of arson but not hate-motivated

[Uncataloged - request from Librarian]

Suspicious supermarket fire: Glassboro, NJ, *Working Fire*, November 1999. 99; 11 10:04. Volunteers responded to this suspicious-origin fire. When seen, the blaze burned exceedingly hot and fast, with some green-blue flame color. This led investigators to consider that some type of high-temperature accelerant (HTA) might have been involved. Firefighters had to fall back, protect exposures and keep the fire contained. Mutual aid assisted. Apparatus placement came into play later in the incident due to the fast movement of the fire.

[Uncataloged - Request from Librarian]

Chief officer. FETN; Westcott ; March 2000; 53 min. videotape

"Blaze: From the Flames," a series from Britain's BBC that takes an international look at arson, fire investigation and human behavior in and around fire. This segment explores a fast-moving Dublin night club fire that killed 48 people at the Stardust Club; how fire spread from the basement to the top floor of a Hong Kong highrise in minutes; and the Meridian Plaza highrise fire in Philadelphia, in which a fire caused by spontaneous combustion of rags contaminated with linseed oil killed three firefighters. Includes a look at how ATF trains investigators and how they investigated the Meridian Plaza fire.

[Uncataloged - Request from Librarian]

First Line Supervisor: Classics. FETN; Westcott ; Oct. 2002; Approx. 30 min. videotape

Program #700-0590 is a look back at the 10/30/92 Mischief Night fires in Camden, NJ, in which over 100 separate structure fires were set

[Uncataloged - Request from Librarian]

First Line Supervisor: Classics. FETN; Westcott ; March 2002; Approx. 30 min. videotape

Program #700-0577 is a look back at the serial arsons at Florida churches in the 1990s

[Uncataloged - Request from Librarian]

First line supervisor: fireground. FETN; Westcott; Feb. 1996; approx. 120 min. videotape

Each lesson approx. 25-30 min.

Seattle rocket fuel fire; Dayton air bag explosion; fires with floor collapse; church arsonist, Ocala, FL

[Uncataloged - request from Librarian]

**INSURANCE FRAUD/ARSON-FOR-PROFIT**

interFIRE Training Module: analyzing insurance documentation [Web resource], 2006; Accessed 2006. Available at: http://interfire.org/training/insurance.asp. Notes: Not owned - access from Website. Abstract: "This module takes the annotated insurance forms from the interFIRE VR Resource File and makes them interactive, with mouseover callouts. After learning the basics of how to read the forms, the learner will work on a case, view the insurance records from the case, and determine where the red flags are in the insurance files..."

Notes: This on-demand training module takes about 90 minutes to complete, plus has other resources such as handouts and suggested readings (reading time estimated at 2-1/2 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "This program introduces the fire investigator to the use of insurance information in the investigation of fires. The insurance file is an untapped source of information pertinent to many fire incident investigations. Examining the insurance file, interviewing insurance personnel, searching insurance databases, and verifying statements made by the insured can greatly assist the fire investigator in establishing motive in a case with an incendiary fire cause. The topics discussed in the module include how to access insurance information, understanding the facts contained in insurance documents, how to ask key questions of witnesses, and apply the information learned to your investigation..."
   HV8079.A7N26 v.I

   HV8079.A7N26 v.II

   HV8079.A7N56

   HV8079.A7P96

   Kept in vertical files [under ARSON BY TITLE, "A"]

   Kept in vertical files [under ARSON BY TITLE, "B-C"]

   Kept in vertical files [under ARSON BY TITLE, "S-Z"]

   Kept in vertical files [under INSURANCE CRIMES]

   Kept in vertical files [under INSURANCE CRIMES]

   Kept in vertical files [under INSURANCE CRIMES]

Insurance Committee for Arson Control. Options for claims training: training models for the detection, investigation, and litigation of fraud arson claims; industry training manuals and program. Chicago, IL : the Committee, approx. 15p.
   Kept in vertical files [under INSURANCE CRIMES]

   Kept in vertical files [under INSURANCE CRIMES]

   Kept in vertical files [under INSURANCE CRIMES]

   Kept in vertical files [under INSURANCE CRIMES]

   Kept in vertical files [under INSURANCE CRIMES]

   Kept in vertical files [under INSURANCE CRIMES]

   Presented at the 1988 IAAI 39th annual seminar in Niagara Falls, NY
   Kept in vertical files [under INSURANCE CRIMES]
INTERVIEWING & INTERROGATION - GENERAL  (see also Legal and Interviewing/Interrogation - Polygraph)

Available at http://www.cfitrainer.net/Training_Programs/Electrical_Safety.aspx
Approximate online time is 1 hour. Prior to watching the media elements of this program, it is recommended that you carefully
review the required reading materials (approximate reading time 2 hours).
"This module presents best practices in preparing for and conducting the informational interview with witnesses in the fire
investigation case. Interrogation techniques are not part of this module. This module covers how to identify interviewees, how to
prepare for the interview, factors that can affect the witness' statements, best practices in conducting the interview, and the use of
visual aids in the interview."

Interviewing techniques. Federal Law Enforcement Training Center; National Audiovisual Center/NTIS; 1988; 38 min.
videotape
Five dramatic scenarios demonstrate the general stages of proper interviewing techniques: introduction, rapport, questions,
summary, and close. An on-screen narrator explains each stage as it occurs
HV8073.F2916

HV8073.F52M5

Foster, D. Glenn et al. The kinesic interview technique...featuring the core assessment technique & the look profile system.
HV8073.F75K5

HV8073.G64E27 2002

348-6. 112p.
HV8073.H58I6 1997

Inbau, Fred E. et al. Essentials of the Reid Technique: criminal interrogation and confessions. Sudbury, MA: Jones &
"Separated into two parts, What You Need to Know About Interrogation and Employing the Reid Nine Steps of Interrogation,
this book will help readers understand the effective and proper way that a suspect should be interrogated and the safeguards
that should be in place to ensure the integrity of the confession."
HV8073.I36E8 2005

HV8073.L75K5

Interrogation techniques [Videotape]. Los Angeles [CA] Police Department; 19 min. videotape
HV8073.L87I6

Kitchen and living room burn . [DVD] Mabry, P.; Safety Engineering Laboratories, Inc.; 2008; Video of two test burns conducted at
the SEL test facility in Yale (MI) for the inFIRE conference, May 7, 2008. One shows an accidental kitchen fire (started by food on a
stovetop). The other shows a living room being torched; may be used to illustrate eyewitness recollection of events
HV8079.A7S22 2008

HV8073.M23L7

HV8073.M33I5
   HV8073.S56L3 1998

   Available at http://www.ncjrs.gov/pdffiles1/nij/178240.pdf
   HV8073.U58E9 1999

   Available at http://www.ncjrs.gov/nij/eyewitness/188678.pdf
   Accompanied by 142 PowerPoint slides, exercises and video clips on CD-com
   HV8073.U58E91 1999

   HV8073.W34P9 2003

   HV8073.Y47I6

   HV8073.Y47I6 2004

   HV8073.Z95P8

   Commercial cause/origin research and evaluation kit includes guide, interview guide and worksheets
   HV8079.A7P95

   KF8922.O74H9

   KF9664.A75K3

This tape is the interrogation by several detectives and resulting confession of Anthony Beasley, accused of murdering Shirley Person.
Not a dramatization - detectives threaten, coax, and use heavy-handed psychology.
   KF9664.H33A4 1983

   KF9664.I5C93

You have the right. New York City Police Dept. the Dept.; 1984; 32-min. videotape
On Miranda warnings and limitations set by the courts on how confessions may be obtained
   KF9664.N57Y6 1984

What witnesses don't see.  Fire Findings; 1995; 46 min. videotape
   TH9180.F51W5

   Kept in vertical files  [under INTERVIEWING IN LAW ENFORCEMENT]
Harlin, Gregory J. Disclosing secrets through interview & interrogation techniques. Magloden Law Enf. Network, 16p. Copy of the PowerPoint notes of the presentation made at the November 2005 Arson Seminar held at the NYS OFPC Academy of Fire Science in Montour Falls, NY
Kept in vertical files  [under INTERVIEWING IN LAW ENFORCEMENT]

New York State Academy of Fire Science. Interviewing techniques for the fire investigator: selected references. Montour Falls, NY: the Academy, [updated annually]. [approx. 5p.]
Kept in vertical files  [under INTERVIEWING IN LAW ENFORCEMENT]


Kept in vertical files  [under INTERVIEWING IN LAW ENFORCEMENT]

Fire investigation training. Part III: mock interview with investigator, Working Fire, Aug. 1995. 8 9:00. Assistant Chief Ken Hines wraps up the series this month with a mock interview with a fire investigator. You'll see the kinds of questions you'll be asked and understand why they'll be asked. Basic tips are passed along for fire companies and company officers
[Uncataloged - request from Librarian]

INTERVIEWING & INTERROGATION – POLYGRAPH, VSA, etc.

HV8073.T24S4

HV8078.A62A2

HV8078.P64C73 2003

This study tested the validity and reliability of two popular voice stress analysis (VSA) programs (LVA and CVSA) in a "real world" setting, i.e., arrestees' deception about recent drug use.
HV8073.D16A8 2007

HV8078.U6S4

HV8079.A22C78

Available at http://www.polygraph.org/images/vsalinks.doc
Kept in vertical files  [under INTERVIEWING IN LAW ENFORCEMENT]
Evidence examination: what happens at the lab? [Web resource] 2010
Available at https://www.cfitrainer.net/Training_Programs/Evidence_Examination_What_Happens_at_the_Lab.aspx
"This module takes investigators into the forensic laboratory and shows them what happens to the different types of fire scene evidence that are typically submitted for testing: fire debris, fingerprints, toolmarks, tire and footwear impressions, and trace evidence. The module also discusses techniques for successfully working with the laboratory, including communication, evidence submission, and follow-up contact.” This on-demand training module takes about 1 hours to complete, plus has suggested readings (approx. 2 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations.

Available at: http://www.cfitrainer.net/Training_Programs/DNA.aspx .
Notes: This on-demand training module takes about 1 hours to complete, plus has suggested readings (approx. 3 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "This module covers the foundation of DNA evidence: defining, recognizing, collecting, and testing. The module begins by describing the process of visual examination and chemical screening at the scene to establish the presence of biological material. Then, the module defines DNA and presents the scientific basis for DNA testing as a means to establish the donor of a specific biological sample. How to collect that genetic material and its various substrates is then explained. Finally, the module concludes with a discussion of how DNA samples are processed and tested."

This appears to be nearly identical to the US Dept. of Treasury's "Crime Scene and Evidence Collection Handbook," 1990
  HV8079.W38F7

  Student material for a seminar presented Oct.25-26, 1995 at the Randall's Island Training Academy
  HV8079.A7N545

Fire and arson investigation techniques, volume 1.  Tape 1: The Case of “The Overcooked Coffee”. [Videotape] Practical Video LLC; 2001; 1 hour
  "Each scene examines causative factors and supporting evidence, indicates possible code violations and alternative “best practices,” and where possible, shows the resolution." Library also owns instructor workbook for set (172p.)  Please request only 2 tapes at a time from this series!
  "On this tape, Dave and his associate Bob Vasilow examine some common and not so common small appliance fires. The cases presented are: The Case of the Overcooked Coffee; Non-invasive Examinations with Industrial X-Rays; The Case of the Red-hot Reefer; The Case of the Curious Kerosene”
  HV8079.A7R32 2001 #1

Fire and arson investigation techniques, volume 1.  Tape 4: The Case of “The Suspect’s Spectrum”. [Videotape] Practical Video LLC; 2001; 1 hour
  “Each scene examines causative factors and supporting evidence, indicates possible code violations and alternative “best practices,” and where possible, shows the resolution.” Library also owns instructor workbook for set (172p.) Please request only 2 tapes at a time from this series!
  "What happens to evidence collected at the scene? Join Dave as he delivers fire scene debris to Buck Analytical and Testing Labs in Cortland, NY. You'll learn first-hand the importance of proper evidence collection and handling, and see how this world-class lab
analyzes the evidence and prepares forensic reports that will stand up in a court of law. You’ll learn how GC-MS operates, “best-practices” for evidence collection and handling, and how lab reports are created and interpreted."


Spawn, Mark A. Effects of fire on fingerprint evidence. 1993. 5p. Kept in vertical files [under FORENSIC SCIENCE]


LEGAL ASPECTS/LAW OF ARSON (see also Evidence, Legal Aspects/Law in NYS, Trial Preparation, etc.)

Search and seizure [Web Resource]. 2010. Available at: http://www.cfitrainer.net/Training_Programs/Search_and_Seizure.aspx . Notes: This on-demand training module takes about 1 hours to complete, plus has suggested readings (approx. 3 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. This module: explains the principles of search and seizure under the Fourth Amendment as contained in the amendment and according to subsequent case law; defines key terms in search and seizure law; distinguish between an administrative warrant and a criminal search warrant, and explain the purpose and application of each; uses a fire scene scenario to explore the application of exigent circumstance as a warrant exception and discuss the elements of obtaining consent as a warrant exception.
   HV8073.W38F7

   HV8079.A7C21

   HV8079.A7I29

   HV8079.A7U48

   KF3976.P38F3

   KF9377.A9B95

   KF9377.D295 1999

   KF9377.D296 2009

   KF9630.A16G94


   Kept in vertical files [under ARSON BY TITLE, "D-G"]

[Pretrial hearings, including rulings on 12 significant cases. approx. 100p. Kept in vertical files [under ARSON BY TITLE, "P-R"]


"Over the past few years significant developments have occurred in both the federal and state courts affecting experts who testify in
fire and explosion cases. Trial court judges are scrutinizing expert testimony more than ever before. Experts who testify in fire and explosion cases also face close scrutiny under the document known as NFPA 921, Guide for Fire and Explosion Investigations. Failure to comply with the legal requirements imposed by the courts for expert testimony, and failure to adhere to guidelines recommended in NFPA 921, will jeopardize an expert’s ability to testify and will jeopardize the entire subrogation effort. Includes a discussion of the Daubert and Frye cases, qualifying as an expert, admissibility and credibility of expert testimony, spoliation of evidence, the impact of NFPA 921, and major loss investigations.

LEGAL ASPECTS / LAW OF ARSON - NEW YORK


HV8079.A7F13


HV8079.A7N521


KF9625.A9R81 2004


KF9630.V27W2


KF9662.H75C9 1996--

You have the right. New York City Police Dept. NYPD; 1984; 32-min. videotape

On Miranda warnings and limitations set by the courts on how confessions may be obtained

KF9664.N57Y6 1984


Looseleaf binder current through 1994; to be updated

KFN6166.K15N5


KFN6169.3.E8N53

People v. Todd, 513 NYS 2d 941, Co.Ct.1987, P.941-945. Text of the 3/25/87 St. Lawrence County (NY) decision that Miranda safeguards were applicable to volunteer fire investigators, and that proper procedures had been utilized in questioning and conducting search of the defendant's home

Kept in vertical files [under ARSON BY TITLE, "P-R"]


Kept in vertical files [under ARSON--NEW YORK]

New York State Senate/Assembly. An act to amend the penal law, in relation to restitution and reparation. Albany, NY: the
Senate/Assembly, 1995. 1p.  
Text of S1378/A2066, which allows local governments to receive restitution from persons convicted of setting fire to their own property. Signed by Governor 8/8/96  
Kept in vertical files [under ARSON--NEW YORK]

People v. Maxwell, 497 NYS 2d 735 (A.D. 2 Dept. 1986), 2p. Case decided in New York State regarding testimony of an expert witness as to the cause of fire  
Kept in vertical files [under EVIDENCE--LAW]

New York State Attorney General's Office. [Informal opinion no. 98-44, dated 11/2/98, holding a county fire investigator should not also serve as a building inspector in the county. Issued at the request of Seneca County]. Albany, NY: NYS Dept. of Law, 1998. 2p.  
The Office agreed with the county's concern that a conflict of interest might result when fire investigators determine cause and origin of fires in buildings previously inspected and/or permitted by them in their capacity as building inspectors  
Kept in vertical files [under FIRE INVESTIGATORS]

Kept in vertical files [under FIRESETTERS--FIREFIGHTERS ONLY]

Summary of portion of Laws of New York, 1999, chapter 423, which provided for an amendment to Executive, Town, Village and Not-for-Profit Corporation laws to take effect 4/1/00. (URL listed is a 3-page text of legislation for downloaded from NYS Assembly website)  
Kept in vertical files [under FIRESETTERS--FIREFIGHTERS ONLY]

Memorandum from State Fire Administrator James A. Burns dated March 6, 2000 which was sent with several other documents to NYS volunteer fire departments. Accompanied by general instructions for filling out DCJS form 9, step-by-step instructions for completing DCJS-9, and a sample copy of the form itself  
Kept in vertical files [under FIRESETTERS--FIREFIGHTERS ONLY]

NFPA 921

This on-demand training module takes about 1.5 hours to complete, plus has suggested readings (approx. 1.5 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Available at: http://www.cfitrainer.net/Training_Programs/Fire_and_Explosion_Investigations_Utilizing_NFPA_1033_and_921.aspx  
"...focuses on two critical documents in fire investigation: NFPA 1033: Standard for Professional Qualifications for Fire Investigator and NFPA 921: Guide for Fire & Explosion Investigations. The module first explains the importance of the two documents, their basic content, and how they are developed and revised. Then, the discussion turns to how the two documents are related and how they can be used in a fire or explosion investigation. Using the framework of the scientific method, the module then shows how NFPA 921 can be used as a 'road map' for conducting a fire or explosion investigation. The module and its required reading also touch on the legal aspects of 1033 and 921 and how these documents are being used in court."

HV8079.A7I271 2009

NFPA 921 standard (revised approx. every 3 years). See also related website, http://www.NAFl921.com, "dedicated to the discussion and understanding of NFPA 921"  
KF3975.N35


"Over the past few years significant developments have occurred in both the federal and state courts affecting experts who testify in fire and explosion cases. Trial court judges are scrutinizing expert testimony more than ever before. Experts who testify in fire and explosion cases also face close scrutiny under the document known as NFPA 921, Guide for Fire and Explosion Investigations. Failure to comply with the legal requirements imposed by the courts for expert testimony, and failure to adhere to guidelines recommended in NFPA 921, will jeopardize an expert’s ability to testify and will jeopardize the entire subrogation effort." Includes a discussion of the Daubert and Frye cases, qualifying as an expert, admissibility and credibility of expert testimony, spoliation of evidence, the impact of NFPA 921, and major loss investigations.

KF896l.E92C7 2007

PHOTOGRAPHY


"This hands-on guide clarifies the difference between what can be done digitally and what should be done in a forensic setting, and helps the reader "learn by doing" with exercises and step-by-step instructions. The images and exercises in the CD-rom provide practical examples of the techniques described in the book."

TR822.B64F7 2002


HV8079.A7D41


TR822.D91A2 2010


TR 822.K52F5


TR822.L64C9


TR822.M13C6


TR822.M13P7


TR822.M55P7 1998


TR822.R32P7 2001


TR822.R65C9 2007
TR822.R95F7 2001

TR822.S58 1997

Kept in vertical files [under PHOTOGRAPHY or VIDEOTAPE RECORDERS AND RECORDING]

Available at http://www.cfitrainer.net/Training_Programs/Digital_Photography_and_the_Fire_Investigator.aspx
Notes: This on-demand training module takes about 90 minutes to complete, plus has other resources such as handouts and suggested readings. Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "The instructor for this program is John Twomey, Lead Forensic Photographer for the United States Secret Service. The program discusses the basics of digital photography for fire investigators, software and editing procedures for digital images intended as evidence as well as the very latest court decisions on the scope and admissibility of digital images in fire and explosion cases. The “question and answer” session at the end of this module is based on questions that were posed by participants during the live “webinar” delivery of this program.

PUBLIC RECORDS

HV8073.B87P9

HV8073.L62I6 1997

Available at http://www.gao.gov/special.pubs/soi/os97002.pdf
"...investigative tool for identifying sources of information about people, property, business and finance..." with Internet addresses wherever possible and a chapter on how to use the Internet in investigations
HV8073.U57I6 1997

HV8079.A7G59

HV8079.A7N56

HV8079.A7S35

HV8079.A7U73

Kept in vertical files [under ARSON BY TITLE, "B-C"]

Kept in vertical files [under ARSON BY TITLE, "P-R"]
SEARCHING THE FIRE SCENE

HV8073.T25C9 2000

HV8079.A7B82

HV8079.A7I271 2009

HV8079.A7P38 1998

HV8079.A7T25 2000

TASK FORCE (see also Fire Investigation Planning & Management)

HV8079.A7A16 1980

HV8079.A7I62

New York State. [Arson control plans]. Library has copies of plans submitted by all NY State counties to Office of Fire Prevention and Control. Ask Librarian for list of available plans
HV8079.A7N53

Written as a paper for John Jay College on the NY City Arson Strike Force
HV8079.A7P67

About the investigation and resolution of a series of fires and explosions set by 3 juveniles near Boulder, CO. Their targets were 4 schools, 3 vehicles and a gas station during a one-year period. The report documents good coordination between various agencies in catching the serial firesetters
HV8079.A7S78

HV8079.A7U54

Kept in vertical files [under ARSON TASK FORCES]
Kept in vertical files [under ARSON TASK FORCES]

Arson resources. American Heat. February 1992. 6; 8 8:30. A look at the resources that are used to bring a drifter who set fires across Florida to trial. Gainesville, FL is the site of a multi-agency task force. Includes a look at a volunteer incident information officer and how he deals with the media.
[Uncataloged - request from Librarian]

Church arson fires. American Heat. January 1992. 6; 7 18:00. Central Florida is the target of an arsonist who has been active for 19 months. Topics covered are: financial strain to the fire departments, handling of the media, and a look at how the task force works. Arsonist worked in the Gainesville-Ocala area.
[Uncataloged - request from Librarian]

TRIAL PREPARATION (see also Evidence in the Courtroom, Legal Aspects and Evidence from Expert Witnesses)

Available at: http://www.interfire.org/training/trial/trial.asp. Abstract: "Preparing for trial is a key, an often overlooked, aspect of the fire investigator’s job. For you to successfully present your investigation and conclusions to the jury requires more than just being prepared. This module provides guidance in how to complete important pre-trial tasks and allows you to download numerous aids you can use every day as you discharge your duties."

interFIRE Training Module: preparing for trial [Web resource]. 2005;
Available at http://www.interfire.org/training/trial/trial.asp. Abstract: "Preparing for trial is a key, an often overlooked, aspect of the fire investigator’s job. For you to successfully present your investigation and conclusions to the jury requires more than just being prepared. This module provides guidance in how to complete important pre-trial tasks and allows you to download numerous aids you can use every day as you discharge your duties."

KF8725.V98L2 2003

HV8079.A7P38 1998

HV8079.A7R81

HV8079.A7T58

KF8725.R97C8

Court testimony. Suffolk County [NY] Police Department; 1984; 8 min. videotape
KFN6040.S94C8

Kept in vertical files [under EVIDENCE--LAW]
   Kept in vertical files [under EVIDENCE--LAW]

**URBAN ARSON**

   Focuses on Denver, San Diego, Cleveland and the Bronx
   HV8079.A7A16

   HV8079.A7B68

   HV8079.A7N53

   HV8079.A7N55

   HV8079.A7N57

   HV8079.A7N541

   Kept in vertical files [under ARSON BY TITLE, "A"]

**VEHICLE FIRE INVESTIGATION (CARS, TRUCKS, BOATS, ETC.)**

   "There is an orderly procedure for conducting a proper vehicle fire investigation. Understanding this procedure is key to correctly determining the cause of a fire. This is especially true of suspected arson fires. This course discusses the growing problem of vehicle arson, how to examine vehicles and occupants safely, and how to conduct a vehicle fire investigation using the scientific method."

   "In Automotive Fire Analysis: An Engineering Approach, Second Edition, experienced field engineer Gregory Barnett points out common problems with the way automotive fires are investigated. Mr. Barnett has compiled the research undertaken to date by manufacturers, standards organizations and private institutions into one compact guide. Mr. Barnett guides you through the proper techniques of vehicle fire analysis and investigation, typical vehicle fires and burn patterns, and indicators of arson in auto fires. He teaches you how to tell the difference between flame-resistant and flammable materials, the flammable liquids contained in cars, auto electrical systems and related fires, and more. This edition contains a brand new section on alternative fuel vehicles and the types of fires associated with them. He covers the current safety standards for autos, in the United States, in a clear and easy to follow manner. He gives you important information on functioning as a witness in court on auto fire cases. This edition also contains a brand new DVD with additional information and hours of video footage on auto fires and auto fire investigation."
   HV8079.A7B25  2008

HV8079.A7B65 2007


This on-demand training module takes about 1 hours to complete, plus has suggested readings (approx. 3 hours).

"This module lays the groundwork for understanding marine fires by covering four basic concepts that the investigator must understand before investigating a marine fire: vessel construction; vessel operations; key differences between ship fires and building fires; investigator safety at the marine fire scene. Note: Please be aware that the information contained in this module is limited to vessels operating in United States waters."

Vehicle fire investigation. California Conference of Arson Investigators, IAAI Chapter 22; 1994; 22 min. videotape

Accompanied by 15-page instructor guide

HV8079.A7C23 1994


HV8079.A7C62 2001


HV8079.A7C68


HV8079.A7C69

Total burn: a must for the vehicle fire investigator. Lee S. Cole & Associates; Lee Books; c1990; approx. 20-min. videotape

Includes footage of fire tests performed on a 1988 Honda Prelude

HV8079.A7C69

Total burn II: a must for the vehicle fire investigator. Lee S. Cole & Associates; c1991; approx. 20-min. videotape

Includes burns of 5 late-model vehicles

HV8079.A7C69

Total burn: vehicle interior fire behavior. Lee S. Cole & Associates; 2003; approx. 25 min. videotape

Rarely can you observe the total process of a vehicle fire from ignition to total consumption. In this video...you will learn the following: how long does it actually take for a modern passenger vehicle to burn? How does the fire behave and progress throughout the vehicle when initiated in the interior? How do materials used in vehicles behave in a fire? Do the secondary fires alter the patterns and damage made from the origin fire? Eight sensors were placed throughout the vehicle and were used to learn what temperatures were found as the fire grows and then spreads to other vehicle compartments

HV8079.A7C69 2003


HV8079.A7N26 v.II


HV8079.A7N543

Automobile fires. New York State Academy of Fire Science; 1995; approx. 100 min. videotape

Tape of a presentation made at the Arson Seminar on 11/2/95. Accompanied by 10-page student handout

HV8079.A7O82

Available at http://www.odpm.gov.uk/stellent/groups/odpm_fire/documents/page/odpm_fire_035875.pdf
Examines data from 1998-2002. Concludes that in the UK there is a stronger relationship between vehicle arson and vehicle theft than previously thought, with over 50% of deliberate vehicle fires occurring in vehicles reported stolen.
HV8079.A7U36 2005

A guide to investigating motor vehicle fires. United States Fire Administration; 1990; 44-min. videotape
With 22-page users' guide
HV8079.A7U584

International Association of Arson Investigators. Investigating motor vehicle fires [Web resource]. 2006?
Available at: http://www.cfitrainer.net/Training_Programs/Investigating_Motor_Vehicle_Fires.aspx
Notes: This on-demand training module takes about 90 minutes to complete, plus has other resources such as handouts and suggested readings (reading time estimated at 2-1/2 hours). Fire investigators may register at http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: "This program introduces the fire investigator to the basic methodologies used to investigate vehicle fires. The topics discussed are illustrated using video of several vehicle fire burns at a recent IAAI seminar. This program provides the fire investigator a unique opportunity to see vehicles involved in fires before the fire, during the fire and after the fire. Topics discussed include the basic compartments in vehicles, fuel loads typically found in vehicles and fire patterns that result from fires in the various compartments and how the patterns are impacted by the available fuel in that compartment..."

Fire Safety Data/Arson Dossier #AR5
   Kept in vertical files  [under AUTOMOBILE FIRE INVESTIGATION]

Kept in vertical files  [under AUTOMOBILE FIRE INVESTIGATION]

   Kept in vertical files  [under AUTOMOBILE FIRE INVESTIGATION]

   Kept in vertical files  [under AUTOMOBILE FIRE INVESTIGATION]

Car arson, American Heat, May 1999. 6:13. Car arson is one of the biggest problems of the Detroit Fire Department. This segment explains why investigators find so many torched cars, and what can be done to convict the arsonists
   [Uncataloged - request from Librarian]

Fire investigation basics, part 1, Working Fire [Videomagazine], March 2003. 03-3 11:39. Accompanied by curriculum guide & quiz
The San Francisco FD reviews the role of the fire investigator and procedures followed. Includes a staged car fire and structural fire scenario. Additional scenarios to follow in remainder of series
   [Uncataloged - Request from Librarian]

Firefighting Skills. FETN; Westcott ; Dec. 2003; Approx. 120 min. videotape. Accompanied by curriculum guide.
[Among others] #038-0026, "Introduction to Fire Investigation/Fire Origin & Cause Determination, part 6, Basic Vehicle and Wildland Fire Investigation Procedures" (part 6 of 6 includes an example of how witness interviews and photographs by first-in crews changed the course of an investigation)
   [Uncataloged - Request from Librarian]

VIDEO USE IN INVESTIGATION

Available at: https://www.cfitrainer.net/Training_Programs/Documenting_the_Event.aspx
Notes: This on-demand training module takes about 1.5 hours to complete, plus has suggested readings. Fire investigators may register at
http://www.cfitrainer.net to receive their own password; Academy Library patrons can also access it from Library workstations. Abstract: Includes information on use of video and emerging documentation technologies. "This module provides a practical overview of how to perform the baseline documentation tasks that should be done at every scene, including scene access, note taking, photography, sketches and diagrams, interviews and evidence collection... You should expect that this program will require the following time: Approximate reading time: 2.5 Hours; approximate online time: 1.5 Hours"


Available at http://www.ncjrs.gov/pdffiles1/nij/179545.pdf


WILDLAND & RURAL ARSON

Wildland fires investigation. 2010. [Web resource]
Available at http://www.cfitrainer.net/Training_Programs/Wildland_Fires_Investigation.aspx
"Wildland fires is the term used to describe fires in open land covered by grass, brush or timber. This module illustrates how wildland fires spread, explains how to interpret burn patterns unique to these types of fires, offers methods for investigating wildland fires, and provides information helpful in determining the causes of these types of fires. An understanding of basic fire science and fire investigation techniques is necessary for this module... You should expect that this program will require the following time: approximate reading time: 2.0 Hours; approximate online time: 1.0 Hours.

Available at: http://www.interfire.org/features/wildfires.asp AND http://www.interfire.org/features/wildfires2.asp
(Published in 2 parts)


Program #463-0407: "Wildland fire incidents numbered over 70,000 calls in 2005, with over 2.8 million acres were burned nationwide. This does not include weed-filled vacant lots or smaller fires in the urban interface zone. In November 2006, five USFS firefighters were killed defending a home in Riverside County, California. The cause was arson, and the suspect is believed to have ignited over 40 wildland fires. First responders who can identify origin and cause and preserve evidence improve
the likelihood of capturing and prosecuting arsonists."
[Uncataloged - Request from Librarian]


Prestemon, Jeffrey P. and David T. Butry, Wildland arson: a research assessment. Portland, OR: US Department of Agriculture, Forest Service. Pacific Northwest Research Stations, 2010, 13p. http://www.fs.fed.us/pnw/pubs/gtr802/Vol2/pnw_gr802_prestemon02.pdf Wildland arson makes up the majority of fire starts in some parts of the United States and is the second leading cause of fires on Eastern United States Federal forests. Individual arson fires can cause damages to resources and communities totaling over a hundred million dollars. Recent research has uncovered the temporal and spatial patterns of arson fires and their long- and short-term drivers. In statistical analyses, explanatory variables include those associated with general economic conditions and law enforcement. Research findings indicate that wildland arson ignitions are consistent with other kinds of crimes, in terms of their relationships to hypothesized factors. Arson is predictable in short and long time spans, as its rate is heavily influenced by weather, climate, fuels, and recent information on other nearby and recent arson fires. These results could be used to enhance the effectiveness of law enforcement and wildfire management resources. Kept in vertical files  [under FOREST FIRE--INVESTIGATION]


Firefighting Skills. FETN; Westcott ; Dec. 2003; Approx. 120 min. videotape Accompanied by curriculum guide. [Among others] #038-0026, "Introduction to Fire Investigation/Fire Origin & Cause Determination, part 6, Basic Vehicle and Wildland Fire Investigation Procedures" (part 6 of 6 includes an example of how witness interviews and photographs by first-in crews changed the course of an investigation). [Uncataloged - Request from Librarian]