SELECTED ARTICLES ON ARSON
AND RELATED SUBJECTS

This is a list of articles on fire and arson investigation which have appeared in any of the following: FBI Law Enforcement Bulletin; Fire & Arson Investigator (published by the Intl. Assn. of Arson Investigators); Fire Chief; Fire Command (formerly Fire Service Today); Fire District Affairs (published by the NY State Assn. of Fire Districts); Fire Engineering; Fire Journal; Fire Technology; Firehouse; and National Fire and Arson Report.


A cumulative index by subject is included at the end of the bibliography. Citations indicate title of article first, then author, journal title, number, page numbers, and date.

A card index located in the Library may also be used to find other articles of interest for all magazine articles received between 1982-1986.

To obtain any of the items listed, please contact your local library of the Academy's Library.

U.S. Department of Justice
National Institute of Justice

This document has been reproduced exactly as received from the person or organization originating it. Points of view or opinions stated in this document are those of the authors and do not necessarily represent the official position or policies of the National Institute of Justice.

Permission to reproduce this copyrighted material has been granted by New York State Academy of Fire Science to the National Criminal Justice Reference Service (NCJRS).

Further reproduction outside of the NCJRS system requires permission of the copyright owner.


60. "The Arson Strike Force in the Smaller City", Terry L. Kern, Fire & Arson Investigator, 32:19-20, July-Sept. 1981. [Sioux City, IA is used as an example.]


89. "The Challenge of the Black Spots", Carter D. Roberts, Fire & Arson Investigator, 32:15-18, Jan-March 1982. [On investigation of a structural fire in which all combustibles have been consumed by fire.]


95. "Cigarette Burning Rates", D.A. Eichman, Fire & Arson Investigator, 30:10-19, Jan/March 1980. [Includes rates for different brands, positions, smoldering times, etc.]


109. [Computers and mini-computers in law enforcement], FBI Law Enforcement Bulletin, 52:April 1983. (Special Issue)


116. "Considerations on Arcing as a Fire Cause", Bernard Beland, Fire Technology, 18:188-202, May 1982. [Concludes that evidence of arcing is not enough to blame electricity as the cause of the fire.]


141. "Devil's Night Revisited," Fire Command, 52:34-36, January 1985. [On annual Halloween Eve arson sprees in Detroit which in 1984 were responsible for 559 fires and 938 alarms.]

142. "Did the Short Cause the Fire or Did the Fire Cause the Short?", Fire & Arson Investigator, 30:57-58, July/Sept. 1979. [On new test procedure for electrical fire determination.]


246. [Insurance All-Industry Committee for Arson Control], John Wrend, Fire & Arson Investigator, 30:42-49, Jan-March 1980. [Conference address.]


   [On use of ultraviolet light.]


   [On eliminating "vandalism" as a fire cause and need to recognize such incidents as arson.]


275. "Kinesic Interview and Technique," Glen D. Foster and Frederick Link, National Fire & Arson Report. [Continuing series which started in May/June 1982 issue.]


308. "'Mongoose One,' Ploys and Decoys of Boston's Crack Arson Investigator," Jack Canavan, Firehouse, 7:36-38, August 1982. [On George Cameron.]


[On 10/18/84 incident in which 59 persons were injured and over 100 rescued.]


[On 1/28/85, YMCA fire.]

340. "On the Job: Utah. $8.3 Million Arson Blaze Guts Grantsville High School." Lee Dalton,  
[On a fire allegedly set by a high school student.]


[Uses Nassau County, NY as an example.]

[Centers on efforts in Erie County, NY.]

[Describes arson squad of Prince George's County, MD.]


354. "Paterson, NJ's Fatal Hotel Fire." William J. Comer, Fire Engineering, 179:40+, January 1985. [On 10/18/84 arson fire in which 14 died, 60 residents and 12 firefighters were injured, and 100 persons were rescued.]


377. "Putting a Stop to Arson," Fire & Arson Investigator, 28:30-32, April-June 1978. [Deals with Boston's Symphony Road Coalition.]


384. "Recognition, Protection of Evidence Are Basic Steps to Arson Prosecution," John E. Stuerwald, Fire & Arson Investigator, 30:27-36, Jan/March 1980, AND Fire Engineering, 131:56-64, August 1978. [Includes case in which there was a revenge homicide.]


[On tell-tale signs of arson the investigator should watch for.]


[On fires of electrical origin.]


[On Detroit's F. D. arson squad.]


[Deals with proposed, model and existing arson laws.]

447. "Task Force Shows Success in Court Can Cut Arson Rate," Jerome S. McIntee, 
Fire & Arson Investigator, 28:53-56, Jan-March 1978 AND Fire Engineering, 
[On the Erie County, NY task force approach.]

448. "Task Force Uses Many Programs to Combat Arson in San Francisco." 

449. "Test for Gasoline-Even Without Residue." Durt Ullman, Fire Engineering, 

450. "The Telltale Apple: How an Arsonist Was Betrayed By His Teeth," 


452. "These Electrical Fires...a Scapegoat?" Bernard Beland, National Fire & 

453. "Three Commonly Used Accelerant Detectors." National Fire & Arson Report, 

454. "Three Factories, Five Houses Destroyed by Fast-Spreading Fire," William 

October 1978. 
[Outlines plans for forming a multi-agency task force.]

456. "Time, Personnel Lacking for Arson Investigation," James A. Brackney, 

Jan-Feb. 1983. 
[List of equipment needed by investigation units]


461. "Training, Equipment Needs of Arson Investigation Team," Mary Ann Vaughan, 

462. "Trajectories of Sparks from Arcing Aluminum Power Cables." A.F. Mills 
[On brush fires started under overhead power lines.]
[On popular myths and fallacies on arson investigation and arson evidence.]

[On incendiary fire at the Lost World amusement park in Wildwood, NJ on 11/24/84.]

[On the 9/4/82 fire at the Dorothy Mae Apartment in Los Angeles.]

[On the 9/4/82 fire at the Dorothy Mae Apartments in Los Angeles.]


[Address by the Director of the FBI.]


[Foci on Newark, NJ's early warning system.]


[On expanded AIMS system.]


1986 UPDATE


[On 5/18/86 fire in Woburn, Mass., which caused about $2 million in damages. Three high school students were charged with arson.]


[Mostly on juvenile firesetters.]


[On evidence preservation.]


[On 9/3/85 incident started by juveniles. Fire destroyed 17 houses, 60 businesses, caused the death of a firefighter and cost $400 million in losses.]


Part 1: 3:1-3+, #2
Part 2: 3:11-13+, #3
Part 3: 3:10+, #4
Part 4: 3:6, #5


[On a study conducted by the NY City Arson Strike Force.]

[Reprinted from Psychology Today.]


Part 1: 3:1+, #2 (1985)
Part 2: 3:5-7+, #3 (1985)


   Part 1, 3:3+, #6 (1986)
   Part 2, 4:6, #1 (1986)
   Part 3, 4:2-4, #2 (1986)


   [Case of arson-for-profit in which the families of the teenagers suspected of setting fire to an empty house were attempting to collect relocation/disaster aid from the Red Cross.]

   [On Massachusetts' new burn injury registry.]


   [On 9/2/85 fire which involved 18 factories, left 2200 jobless and 400 homeless. Fire was started by juveniles.]


   [Maintains any library fire causes other than arson are rare, and offers preventative measures.]


   [On 3/20/85 incident in Plainfield, NJ which was started by children setting fire to surrounding brush and weeds.]

   [On aggressive measures taken to prevent rash of "Devil's Night" Halloween fires. A 40% reduction was acheived. See also #140 and #141.]
<table>
<thead>
<tr>
<th>#</th>
<th>Title</th>
<th>Author(s)</th>
<th>Journal</th>
<th>Issue</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[On program in Camden County, NJ patterned after National Firehawk Foundation guidelines.]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>[On an incident in which car thieves stripped a car, and then burned the garage it was in. New, still vacant house was also burned.]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>[Reprinted from an AIA Special Interest Bulletin.]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>[On a case in Canada in which questioned fingerprints were admitted into evidence in a criminal case.]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>[Reprinted from the Journal of American Insurance.]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


   [On volunteer unit formed in Allen County, IN.]


   [An English investigator's comments on fraud investigation.]


INDEX

ARSON PREVENTION (see also "NY State," "State & Local..." and "Insurance...")
6, 50, 51, 99

ARSON STATISTICS AND DATA (see also "Computerized Alerting Systems")
5, 26, 35, 39, 42, 52, 237, 241, 370, 471, 491, 497, 559

AUTOMOBILE, RV AND BOAT FIRES
70, 159, 255, 365, 369, 413, 414, 419, 432, 434, 478, 545, 553, 573

BOMBS, INCENDIARY DEVICES AND EXPLOSIONS
119, 158, 171, 220, 504

COMPUTERIZED ALERTING SYSTEMS (see also "Arson Statistics & Data")
47, 80, 108, 109, 110, 170, 222, 311, 319, 361, 382, 429, 473, 475

COURTROOM DEEMANOR AND PROCEDURE (see also "Legal Aspects & Law")
126, 133, 137, 325, 362, 368

ECONOMICS OF ARSON (see also "Insurance...")
8, 15, 32, 67, 69, 91, 201, 444, 445

ELECTRICAL CAUSES
General: 10, 22 to 24, 78, 96, 116, 118, 132, 142, 152 to 157, 167, 184, 213, 217, 244, 263, 290, 291, 349 to 352, 381, 414, 420, 439, 452, 462, 486, 496, 516 to 519, 522, 523, 527, 533, 538, 541, 556, 574, 586
Aluminum wiring: 12, 13, 118, 234, 462, 506, 526
Appliances: 169, 172, 183, 439, 467, 539

EVIDENCE AND LAB TECHNOLOGY
General: 45, 63, 87, 92, 95, 102, 115, 120, 139, 144, 162, 164 to 166, 187, 197, 227, 278 to 280, 327, 357, 405, 407, 440, 450, 457, 458, 480 to 482, 494, 514, 524, 530, 542, 549, 555, 565, 580, 582, 583
Burn patterns and spalling: 16, 83, 85, 88, 112, 113, 143, 199, 312, 341, 386, 476
Diagramming: 191, 418
Evidence collection & preservation: 76, 89, 90, 289, 359, 384, 385, 399, 401, 505, 507
FATAL FIRES
71, 121, 180, 215, 225, 299, 384, 400, 423, 424, 472, 525, 546, 552, 553, 576

FEDERAL PROGRAMS
1, 5, 214, 223, 224, 283, 284, 316, 392, 410

INCIDENTS/INVESTIGATIONS OF FIRES BY TYPE (see also "NY State")

Firehouses: 238
Hospitals: 220, 221, 229
Industrial/Commercial: 8, 66, 175, 240, 330, 335, 339, 372, 412, 483, 511, 540, 561, 568, 581
Libraries: 560, 566
Prison: 587
Schools: 2, 36, 65, 340

INSURANCE AND ARSON

General: 44, 57, 212, 241, 243, 246, 248, 249, 426, 490, 503, 543, 547, 567
Prevention: 244, 247

INTERVIEWING AND INTERROGATION

General: 114, 235, 250 to 252, 275, 326, 493, 515, 529, 544, 585, 591
Hypnosis: 100, 495, 537
Polygraph/P.S.E.: 480 to 482, 550

JUVENILE FIREFSETTERS (see also "Incidents...Schools" and "Psychology of Firesetting")

General: 7, 140, 141, 204, 265, 270 to 273, 304, 334, 358, 417, 498, 502, 508, 511, 525, 533, 558, 561, 568, 569, 589, 592
Counseling/rehabilitation: 181, 182, 253, 274, 363, 397, 554, 572, 579

LEGAL ASPECTS AND LAW (see also "NY State" and "Courtroom Demeanor & Procedure")

Law and legislation: 20, 360, 427, 430, 446, 490, 503, 543, 544
Search and seizure: 90, 117, 127, 190, 301, 348, 383, 389, 427, 484, 512, 531, 547-8, 557
Search of public records: 44, 69, 123, 259
NEW YORK STATE  (see also "State and Local...")

General: 128, 321, 322, 366, 425, 460, 532
Fires/incidents: 122, 175, 176, 257, 269, 295, 323, 337, 428, 435, 540, 553
Law and legislation: 44, 93, 208, 269, 428
Local programs: 80, 124, 244, 320, 324, 343, 345, 388, 447, 578

ORGANIZED CRIME AND ARSON:
14, 345, 395, 421, 470

PHOTOGRAPHY
48, 84, 101, 193, 200, 211, 260 to 262, 317, 356, 431, 477, 488, 536

PSYCHOLOGY OF FIRESETTING  (see also "Juvenile Firesetters")
9, 68, 194 to 196, 210, 231, 364, 373 to 375, 391, 442, 532, 589

RURAL AND GROUNDCOVER FIRESETTING
189, 309, 316, 403, 462, 575, 568

STATE AND LOCAL GROUPS/TECHNIQUES  (except New York State)
General: 15, 28, 38, 43, 47, 60, 64, 75, 98, 107, 131, 226, 236, 268, 293, 294, 296, 297, 318, 371, 377, 408, 409, 448, 479, 559
Investigation: 33, 45, 77, 81, 168, 188, 228, 306, 308, 310, 347, 422, 455, 501, 588
Prevention: 30, 222, 429, 473

TRAINING, COURSES AND QUALIFICATIONS FOR INVESTIGATORS
52, 125, 161, 185, 186, 207, 283, 406, 426, 461, 528

VIDEO
474

WOOD COMBUSTION
104, 420, 582, 583