Journal of Forensic Sciences Index to Volume 19

1974

Number	Month of Issue	Pages
1	January	1-190
2	April	191-414
3	July	415-706
4	October	707-954

A

- Acid phosphatase, specificity of two commercial acid phosphatase determination kits with respect to feminine hygiene products and vaginal contraceptives (Brown and Brown), April, 384
- Adversary system, on playing the game of expert witness in a two-value logic system (McCarthy), Jan., 130

Alcohol

- drug involvement in automobile driver and pedestrian fatalities (Turk, McBay, and Hudson), Jan., 90
- note upon barometric pressure and breathalcohol analysis (Mason), April, 325
- Amnesia, evaluation of amnesia in criminallegal situations (Sadoff), Jan., 98
- Anatomy, sternal foramen: the possible forensic misinterpretation of an anatomic abnormality (Taylor), Oct., 730
- Anderson, W. A.: see Kirchgessner, W. G., DiPasqua, A. C., Anderson, W. A., and Delaney, G. V.
- Asgekar, M. D.: see Mattoo, B. N., Wani, A. K., and Asgekar, M. D.
- Asphyxia, two deaths caused by a lack of oxygen in an underground chamber (DiMaio and DiMaio), April, 398

Atomic absorption spectrophotometry

- detection of gunshot residue on the hands by neutron activation and atomic absorption analysis (Krishnan), Oct., 789
- examination of gunshot residues (Stone and Petty), Oct., 784
- firing distance determination by atomic absorption spectrophotometry (Krishnan), April, 351
- Automobile accidents, drug involvement in automobile driver and pedestrian fatalities

(Turk, McBay, and Hudson), Jan., 90

Automobile paints characterization of paint fragments by combined topographical and chemical electron optics techniques (Wilson, Judd, and Ferriss), April, 363

pyrolysis-gas chromatographic analysis of automobile paints (Stewart), Jan., 121

B

Babigian, H. M.: Multiple aspects of suicide, April, 267

- Ballistics
 - firing distance determination by atomic absorption spectrophotometry (Krishnan), April, 351
 - injury potential of a reloaded tear gas pen gun (Jones, Besant-Matthews, Williams, and Stahl), Oct., 812
- peculiarities of certain .22 caliber revolvers (Saturday night specials) (Schmidt-Orndorff, Reitz, and Spitz), Jan., 48
- Barnes, F. C. and Helson, R. A.: Empirical study of gunpowder residue patterns, July, 448
- Beggs, D. P. and Day, A. G.: Chemical ionization mass spectrometry: a rapid technique for forensic analyses, Oct., 891
- Bergh, A. K. and Rodgers, P. G.: On the choice of color filters for the Breathalyzer[®], July, 684
- Bernstein, C. G.: see DiMaio, V. J. M. and Bernstein, C. G.
- Besant-Matthews, P. E.: see Jones, S. R., Besant-Matthews, P. E., Williams, F. J., and Stahl, C. J.
- Betsch, S. J.: see Gurgin, V. A., Parker, Brian, and Betsch, S. J.

Biology

- blood groups of Chinese in New York City: application to problems of disputed parentage (Wiener), Oct., 735
- stability of PGM and AK isoenzymes in human tissues (Rothwell and Sayce), July, 590
- Bite marks, use of bite mark evidence as an investigative aid (Dinkel), July, 535
- Blanke, R. V.: Role of toxicology in suicide evaluation, April, 284
- Blood, postmortem chemistries on blood with particular reference to urea nitrogen, electrolytes, and bilirubin (Coe), Jan., 33

Blood grouping

blood groups of Chinese in New York City: application to problems of disputed parentage (Wiener), Oct., 735

stability of PGM and AK isoenzymes in

human tissues (Rothwell and Sayce), July, 590

- Bombs, identification of explosive residues in bomb scene investigations (Hoffman and Byall), Jan., 54
- Book review
 - review of An Introduction to Criminalistics by O'Hara and Osterburg (Miller), Jan., 178
 - review of *Clinical Toxicology* by Thienes and Haley (Stolman), Jan., 182
 - review of Constitutional Rights of the Accused—Pretrial Rights by Cook (Sachs), Jan., 181
 - review of Current Methods of Autopsy Practice by Ludwig (Noguchi), Jan., 180
 - review of Drugs: Annotated Bibliography and Guide by Ajami (Phillips), July, 700
 - review of Flight Characteristics and Stain Patterns of Human Blood by MacDonnell (Vagnina), July, 696
 - review of Forensic Odontology by Gustafson (Comulada), Jan., 177
 - review of Investigation and Preparation of Criminal Cases, Federal and State by Bailey and Rothblatt (Joseff), July, 701
 - review of Investigation of Violent and Sudden Death by Hendrix (Rupp), April, 410
 - review of Key to Psychiatry—A Textbook for Students by Sainsbury (Tuchler), Oct., 931
 - review of Koelsch's Textbood of Occupational Diseases ed. by Kersten (Spitz), April, 411
 - review of Laboratory Manual on the Geometric Interpretation of Human Bloodstain Evidence by MacDonnell and Bialousz (Vagnina), July, 697
 - review of *Medicolegal Investigation of Death* by Spitz and Fisher (Froede), April, 409
 - review of Protection Against Bombs and Incendiaries by Pike (Fox), July, 695
 - review of Scientific Evidence in Criminal Cases by Moenssens, Moses, and Inbau (Crown), July 692
 - review of Sourcebook in Criminalistics by Hormachea (Crown), Oct., 932
 - review of *The Botany and Chemistry of Hallucinogens* by Schultes and Hofman (Freimuth), April, 407
 - review of *The Medical Detectives* by Cooper (Mills), Oct., 929
 - review of *The Practice of Gas Chromato*graphy by Rowland (Brackett), Oct., 933
 - review of The Use of X-Ray Techniques in Forensic Investigation by Graham (Hilton), July, 698
 - review of We Mainline Dreams: The Odyssey House Story by Densen-Gerber (Doherty), July, 693
- Bosen, S. F., Pudzianowski, Andrew, and Dragutinovich, Gwen: Sample methodology for laser microprobe analysis, April, 357
 Brackett, J. W., Jr.: review of *The Practice of*
- Brackett, J. W., Jr.: review of The Practice of Gas Chromatography by Rowland, Oct., 933

Breath-alcohol testing devices

- note upon barometric pressure and breathalcohol analysis (Mason), April, 325 on the choice of color filters for the Breath-
- alyzer[®] (Bergh and Rodgers), July, 684 Brown, C. G.: see Brown, K. M. and Brown,
- C. G.
- Brown, K. M. and Brown, C. G.: Specificity of two commercial acid phosphatase determination kits with respect to feminine hygiene products and vaginal contraceptives, April, 384
- Bryan, D. E.: see Lukens, H. R. and Bryan D. E.
- Bullets, SEM microstriation characterization of bullets and contaminant particle identification (Judd, Sabo, Hamilton, Ferriss, and Horn), Oct. 798
- Burns (injuries), timing of injury in human thermal burns (Raasch, Hirvonen, and Stahl), Oct., 723
- Burton, J. F.: Fallacies in the signs of death, July, 529
- Byall, E. B.: see Hoffman, C. M. and Byall, E. B.

С

- Cannabis sativa L., analysis of old samples of cannabis sativa L. (Der Marderosian and Murthy), July, 670
- Captive populations, medical experimentation on captive populations in the United States (Perper), July, 557
- Carbon tape, paper fiber impressions on carbon tape ribbons (Hahn), Jan., 136
- Catalano, Thomas: see Dugar, Sumer, Catalano, Thomas, and Cerrato, Richard
- Catherman, R. L.: see Segal, R. J. and Catherman, R. L.
- Cavitation, restoration of obliterated stamped serial numbers by ultrasonically induced cavitation in water (Young), Oct., 820
- Cerrato, Richard: see Dugar, Sumer, Catalano, Thomas, and Cerrato, Richard
- Chang, A. H.: see Hirsch, C. S., Chang, A. H., and Hoffman, G. C.
- Chao, Jew-Ming: see Saferstein, Richard, Chao, Jew-Ming, and Manura, John
- Checks, revised method of classifying fraudulent checks in a document examination laboratory (Schroeder), July, 618
- Chemical ionization
 - chemical ionization mass spectrometry: a rapid technique for forensic analyses (Beggs and Day), Oct., 891
 - identification of drugs by chemical ionization mass spectroscopy—part II (Saferstein, Chao, and Manura), July, 463

Chemical test kits

specificity of two commercial acid phos-

phatase determination kits with respect to feminine hygiene products and vaginal contraceptives (Brown and Brown), April, 384

use of chemical spot tests kits for the presumptive identification of narcotics and drugs of abuse (Velapoldi and Wicks), July, 636

Childs, R. S.: Passing of lay coroners, Jan., 8

- Chlorobutanes, preliminary studies on the use of *n*-butyl chloride as an extractant in a drug screening procedure (Foerster and Mason), Jan., 155
- Choline, spermine and choline identification by thin-layer chromatography (Hallcock), Jan., 172

Christopoulos, G. N. and Kirch, E. R.: Estimation of fluoroalkane propellants, Jan., 168 Chromatography

technique for the separation of ink dyestuffs with similar R_F values (Kuranz), Oct., 852 see Gas chromatography

see Thin-layer chromatography

Cocaine, discoloration effect of diluents in contraband cocaine (Dugar, Catalano, and Cerrato), Oct., 868

Coe. J. I.

- Postmortem chemistries on blood with particular reference to urea nitrogen, electrolytes, and bilirubin, Jan., 33
- Postmortem chemistry: practical considerations and a review of the literature, Jan., 13
- Color filters, on the choice of color filters for the Breathalyzer[®] (Bergh and Rodgers), July, 684
- Comparison microscopy, identification of cut multistranded wires (Ogle and Mitosinka), Oct., 865

Computers

computer related crime (Parker), April, 292 information exchange and computerized data retrieval for toxicology (Kazyak), Jan., 147

- Comulada, E. V.: review of Forensic Odontology by Gustafson, Jan., 177
- Corbett, B. W.: see McBay, A. J., Turk, R. F., Corbett, B. W., and Hudson, Page
- Coroners, passing of lay coroners (Childs), Jan., 8
- Coumbis, R. J. and Kaul, Balkrishena: Distribution of morphine and related compounds in human tissues and biological fluids using radioimmunoassay techniques, April, 307
- Cravey, R. H., Shaw, R. F., and Nakamura, G. R.: Incidence of propoxyphene poisoning: a report of fatal cases, Jan., 72

Criminalistics

- criminalistics: today and tomorrow (Gurgin, Parker, and Betsch), July, 518
- forensic science and the reduction of crime (Kingston and Peterson), July, 417

legal aspects of obtaining evidence for

analysis by forensic techniques (Giannelli), July, 428

stardust on the bar: space fallout in criminalistics (Pickering), April, 227

- Crown, D. A.
 - Review of Scientific Evidence in Criminal Cases by Moenssens, Moses, and Inbau, July, 692
 - Review of Sourcebook in Criminalistics by Hormachea, Oct., 932
- Curry, A. S.: Research at the Home Office Central Research Establishment, April, 301
- Curvey, C. E.: Effect of the manner of death in medicolegal cases on insurance settlements involving double indemnity, April, 390

D

- Data collection, on the improvement of suicide determination (Murphy, Gantner, Wetzel, Katz, and Ernst), April, 276
- Day, A. G.: see Beggs, D. P. and Day, A. G.
- Death
 - asymmetrical hypertrophy of the heart: two sudden deaths in adolescents (Sturner and Spruill), July, 565
 - deaths due to accidental discharge of a dropped handgun (DiMaio and Jones), Oct., 759
 - drug involvement in automobile driver and pedestrian fatalities (Turk, McBay, and Hudson), Jan., 90
 - effect of the manner of death in medicolegal cases on insurance settlements involving double indemnity (Curvey), April, 390
 - fallacies in the signs of death (Burton), July, 529
 - fatal overdose of paraldehyde during treatment of a case of delirium tremens (Di-Maio and Garriott), Oct., 755
 - incidence of propoxyphene poisoning: a report of fatal cases (Cravey, Shaw, and Nakamura), Jan., 72
 - methadone—a cause of death (Segal and Catherman), Jan. 64
 - opiate overdose deaths in the District of Columbia. part II—methadone-related fatalities (Greene, Luke, and DuPont), July, 575
 - sudden death in association with the ballooning posterior mitral leaflet syndrome (Marshall and Shappell), Oct., 715
 - sudden unexpected death in hemoglobin SC disease (Hirsch, Chang, and Hoffman), Jan. 43
 - two deaths caused by a lack of oxygen in an underground chamber (DiMaio and Di-Maio), April, 398
 - two propylhexedrine-associated fatalities: Benzedrine[®] revisited (Sturner, Spruill, and Garriott), July, 572

see Homicide

see Infanticide

see Suicide

- Decision making, criminalistics: today and tomorrow (Gurgin, Parker, and Betsch), July, 518
- De Forest, P. R.
 - Morton, C. V., and Henderson, R. A.: Microscopic morphology of marijuana ash, April, 372
 - Potential of pyrolysis-gas chromatography for the pattern individualization of macromolecular materials, Jan., 113
- Delaney, G. V.: see Kirchgessner, W. G., DiPasqua, A. C., Anderson, W. A., and Delaney, G. V.
- Delirium tremens, fatal overdose of paraldehyde during treatment of a case of delirium tremens (DiMaio and Garriott), Oct., 755
- Dental identification, Eva Braun Hitler's odontological identification—a forensic enigma? (Sognnaes), April, 215
- Der Marderosian, A. H. and Murthy, S. N. S.: Analysis of old samples of *cannabis sativa* L., July, 670
- Digoxin, radioimmunoassay technique for digoxin in postmortem blood (Phillips), Oct., 900
- Diluents, discoloration effect of diulents in contraband cocaine (Dugar, Catalano, and Cerrato), Oct., 868
- DiMaio, D. J. and DiMaio, V. J. M.: Two deaths caused by a lack of oxygen in an underground chamber, April, 398

DiMaio, V. J. M.

- and Bernstein, C. G.: Case of infanticide, Oct., 744
- and Garriott, J. C.: Fatal overdose of paraldehyde during treatment of a case of delirium tremens, Oct., 755
- and Jones, J. A.: Deaths due to accidental discharge of a dropped handgun, Oct., 759 see DiMaio, D. J. and DiMaio, V. J. M.
- Dinkel, E. H., Jr.: Use of bite mark evidence as an investigative aid, July, 535
- DiPasqua, A. C.: see Kirchgessner, W. G., DiPasqua, A. C., Anderson, W. A., and Delaney, G. V.
- Doherty, R. C.: review of *We Mainline Dreams: The Odyssey House Story* by Densen-Gerber, July, 693
- Dominguez, A. M.: see Winter, P. E., Stahl, C. J., Goldbaum, L. R., and Dominguez, A. M.
- Dragutinovich, Gwen: see Bosen, S. F., Pudzianowski, Andrew, and Dragutinovich, Gwen
- Drug excretion, drug excretion in the urine of military separatees: a pilot study (Winter, Stahl, Goldbaum, and Dominguez), April, 317

Drug identification

- drug identification by the application of gas chromatography/time-of-flight mass spectrometer technique (Kirchgessner, Di-Pasqua, Anderson, and Delaney), April, 313
- identification of drugs and other toxic compounds from their ultraviolet spectra. part I: ultraviolet absorption properties of sixteen structural groups, (Siek), April, 193
- identification of drugs by chemical ionization mass spectroscopy—part II (Saferstein, Chao, and Manura), July, 463
- identification of drug tablet and capsule evidence as to source (Tillson and Johnson), Oct., 873
- use of chemical spot tests kits for the presumptive identification of narcotics and drugs of abuse (Velapoldi and Wicks), July, 636
- Drugs, see Toxicology
- Dugar, Sumer, Catalano, Thomas, and Cerrato, Richard: Discoloration effect of diluents in contraband cocaine, Oct., 868
- DuPont, R. L.: see Greene, M. H., Luke, J. L., and DuPont, R. L.

Е

- baccalaureate program in toxicology (Lynch), Jan., 142
- educating the forensic jurisprudent (Joling), April, 337
- Emission spectroscopy, fluorescence and phosphorescence spectra and phosphorescence decay time of harmine, harmaline, harmalol, harmane, and norharman in aqueous solutions and EPA at 77 K (Hadley, Muraki, and Spitzer), July, 657
- Emphysema, respirator-induced pneumothorax and subcutaneous emphysema: experimental overinflation of cadaver lungs (Lawrence), July, 548
- Energy dispersive X-ray analysis, characterization of paint fragments by combined topographical and chemical electron optics techniques (Wilson, Judd, and Ferriss), April, 363
- Ernst, M. F.: see Murphy, G. E., Gantner, G. E., Wetzel, R. D., Katz, Sedelle, and Ernst, M. F.
- Ethyl alcohol, use of vitreous humor for determination of ethyl alcohol in previously embalmed bodies (Scott, Root, and Sanborn), Oct., 913
- Eva Braun Hitler, Eva Braun Hitler's odontological identification-a forensic enigma? (Sognnaes), April, 215
- Explosive residues, identification of explosive residues in bomb scene investigations (Hoffman and Byall), Jan., 54

Education

- Fasanello, J. A. and Henderson, R. A.: Vacuum searches in narcotics cases, April, 379
- Feminine hygiene and contraceptive products, specificity of two commercial acid phosphatase determination kits with respect to feminine hygiene products and vaginal contraceptives (Brown and Brown), April, 384

Ferriss, Stark

- see Judd, Gary, Sabo, John, Hamilton, William, Ferriss, Stark, and Horn, Robert see Wilson, Richard, Judd, Gary, and Ferriss, Stark
- Film lifts, new method for the collection and analysis of gunshot residues as forensic evidence (Pillay, Jester, and Fox), Oct., 768

Firearms

- casualty criteria for wounds from firearms with special reference to shot penetration part II (Mattoo, Wani, Asgekar), July, 585
- deaths due to accidental discharge of a dropped handgun (DiMaio and Jones), Oct., 759
- detection of gunshot residue on the hands by neutron activation and atomic absorption analysis (Krishnan), Oct., 789
- empirical study of gunpowder residue patterns (Barnes and Helson), July, 448
- examination of gunshot residues (Stone and Petty), Oct., 784
- evaluation of SEM potential in the examination of shotgun and rifle firing pin impressions (Grove, Judd, and Horn), July, 441
- firing distance determination by atomic absorption spectrophotometry (Krishnan), April, 351
- new method for the collection and analysis of gunshot residues as forensic evidence (Pillay, Jester, and Fox), Oct., 768
- peculiarities of certain .22 caliber revolvers (Saturday night specials) (Schmidt-Orndorff, Reitz, and Spitz), Jan., 48
- restoration of obliterated stamped serial numbers by ultrasonically induced cavitation in water (Young), Oct., 820
- SEM microstriation characterization of bullets and contaminant particle identification (Judd, Sabo, Hamilton, Ferriss, and Horn), Oct., 798
- trace metal detection technique (TMDT): a report outlining a procedure for photographing results in color, and some factors influencing the results in controlled laboratory tests (Stevens and Messler), July, 496
- Fish, F. and Hayes, T. D.: Hydrolysis of morphine glucuronide, July, 676
- Flouroalkanes, estimation of fluoroalkane propellants (Christopoulos and Kirch), Jan., 168

Foerster, E. H. and Mason, M. F.: Preliminary studies on the use of *n*-butyl chloride as an extractant in a drug screening procedure, Jan., 155

Forensic science

- forensic science and the reduction of crime (Kingston and Peterson), July, 417
- milestones in forensic science (Thomas), April, 241
- reflections upon case history, diagnosis, and therapy of a frustrated patient: forensic science (Maehly), April, 255
- science in justice: the past 25 years (Schroeder), April, 233
- Fox, H. A.: see Pillay, K. K. S., Jester, W. A., and Fox, H. A.
- Fox, R.H.: Review of Protection Against Bombs and Incendiaries by Pike, July, 695
- Frank, R. S. and Gunn, J. W., Jr.: Standardization of forensic drug analyses, Jan., 163
- Freimuth, H. C.: Review of *The Botany and Chemistry of Hallucinogens* by Schultes and Hoffmann, April, 407
- Froede, R.C.: Review of Medicolegal Investigation of Death by Spitz and Fisher, April, 409

G

Gantner, G. E.: see Murphy, G. E., Gantner, G. E., Wetzel, R. D., Katz, Sedelle, and Ernst, M. F.

Garriott, J. C.

- see DiMaio, V. J. M. and Garriott, J. C.
- see Sturner, W. Q., Spruill, F. G., and Garriott, J. C.
- Gas chromatography
 - analysis and interpretation of the cannabinolic content of confiscated marihuana samples (Manno, Manno, Walsworth, and Herd), Oct., 884
 - analysis of old samples of cannabis sativa L. (Der Marderosian and Murthy), July, 670
 - drug identification by the application of gas chromatography/time-of-flight mass spectrometer technique (Kirchgessner, Di-Pasqua, Anderson, and Delaney), April, 313
 - potential of pyrolysis-gas chromatography for the pattern individualization of macromolecular materials (De Forest), Jan., 113 pyrolysis-gas chromatographic analysis of
 - automobile paints (Stewart), Jan., 121
- Gaudette, B. D. and Keeping, E. S.: Attempt at determining probabilities in human scalp hair comparison, July, 599
- Giannelli, P. C.: Legal aspects of obtaining evidence for analysis by forensic techniques, July, 428
- Goldbaum, L. R.: see Winter, P. E., Stahl,

C. J., Goldbaum, L. R., and Dominguez, A. M.

- Greene, M. H., Luke, J. L., and DuPont, R. L.: Opiate overdose deaths in the District of Columbia. Part II—methadone-related fatalities, July, 575
- Grinding (material removal), restoration of obliterated stamped serial numbers by ultrasonically induced cavitation in water (Young), Oct., 820
- Grove, C. A., Judd, Gary, and Horn, Robert: Evaluation of SEM potential in the examination of shotgun and rifle firing pin impressions, July, 441
- Guest editorial, some reflections during a presidential term (Mason), Jan., 3
- Gunn, J. W., Jr.: see Frank, R. S. and Gunn, J. W.. Jr.
- Gunpowder residues
 - detection of gunshot residue on the hands by neutron activation and atomic absorption analysis (Krishnan), Oct., 789
 - empirical study of gunpowder residue patterns (Barnes and Helson), July, 448
 - examination of gunshot residues (Stone and Petty), Oct., 784
 - new method for the collection and analysis of gunshot residues as forensic evidence (Pillay, Jester, and Fox), Oct., 768
 - trace metal detection technique (TMDT): a report outlining a procedure for photographing results in color, and some factors influencing the results in controlled laboratory tests (Stevens and Messler), July, 496
- Gurgin, V. A., Parker, Brian, and Betsch, S. J.: Criminalistics: today and tomorrow, July, 518
 - H
- Haddox, V. G.: see Wax, D. E. and Haddox, V. G.
- Hadley, S. C., Muraki, A. S., and Spitzer, Kenneth: Fluorescence and phosphorescence spectra and phosphorescence decay time of harmine, harmaline, harmalol, harmane, and norharman in aqueous solutions and EPA at 77 K, July, 657
- Hahn, G. H.: Paper fiber impressions on carbon tape ribbons, Jan., 136
- Hair
 - attempt at determining probabilities in human scalp hair comparison (Gaudette and Keeping), July, 599
 - identification of primate hair (Rosen), Jan., 109
- Hallcock, R. R.: Spermine and choline identification by thin-layer chromatography, Jan., 172
- Hamilton, William: see Judd, Gary, Sabo, John, Hamilton, William, Ferriss, Stark, and Horn, Robert

- Harmala alkaloids, fluorescence and phosphorescence spectra and phosphorescence decay time of harmine, harmaline, harmalol, harmane, and norharman, in aqueous solutions and EPA at 77 K (Hadley, Muraki, and Spitzer), July, 657
- Hayes, T. S.: see Fish, F. and Hayes, T. S. Heart
 - asymmetrical hypertrophy of the heart: two sudden deaths in adolescents (Sturner and Spruill), July, 565
 - sudden death in association with the ballooning posterior mitral leaflet syndrome (Marshall and Shappell), Oct., 715
- Helson, R. A.: see Barnes, F. C. and Helson, R. A.
- Hemoglobin SC disease, sudden unexpected death in hemoglobin SC disease (Hirsch, Chang, and Hoffman), Jan., 43
- Henderson, R. A.
- see De Forest, P. R., Morton, C. V., and Henderson, R. A.
- see Fasanello, J. A. and Henderson, R. A.
- Herd, Ray: see Manno, Joseph, Manno, Barbara, Walsworth, David, and Herd, Ray

Hilton, Ordway

- Effect of interchanging segments between two typewriters: a unique criminal defense defeated, Oct., 841
- Review of The Use of X-Ray Techniques in Forensic Investigation by Graham, July, 698
- Hirsch, C. S., Chang, A. H., and Hoffman, G. C.: Sudden unexpected death in hemoglobin SC disease, Jan., 43
- Hirvonen, J. I.: see Raasch, F. O., Jr., Hirvonen, J. I., and Stahl, C. J.
- History, milestones in forensic science (Thomas), April, 241
- Hoffman, C. M. and Byall, E. B.: Identification of explosive residues in bomb scene investigations, Jan., 54
- Hoffman, G. C.: see Hirsch, C. S., Chang, A. H., and Hoffman, G. C.
- Homicide, unusual methods of human identification used in three cases (Larson), April, 402
- Horan, J. J.: see Sullivan, R. C., Pompa, C., Sabatino, L. V., and Horan, J. J.
- Horn, Robert
- see Grove, C. A., Judd, Gary, and Horn, Robert
- see Judd, Gary, Sabo, John, Hamilton, William, Ferriss, Stark, and Horn, Robert Hudson, Page
- see McBay, A. J., Turk, R. F., Corbett, B. W., and Hudson, Page
- see Turk, R. F., McBay, A. J., and Hudson, Page
- Human identification, unusual methods of human identification used in three cases

(Larson), April, 402

- Hydrolysis, hydrolysis of morphine glucuronide (Fish and Hayes), July, 676
- Hypertrophy, asymmetrical hypertrophy of the heart: two sudden deaths in adolescents (Sturner and Spruill), July, 565

I

Infanticide, case of infanticide (DiMaio and Bernstein), Oct., 744

Information systems

computer related crime (Parker), April, 292 information exchange and computerized data retrieval for toxicology (Kazyak), Jan., 147

- Injuries casualty criteria for wounds from firearms with special reference to shot penetration part II (Mattoo, Wani, and Asgekar), July, 585
 - injury potential of a reloaded tear gas pen gun (Jones, Besant-Matthews, Williams, and Stahl), Oct., 812
 - pathologic criteria of radiation injury (Warren), Oct., 709
 - timing of injury in human thermal burns (Raasch, Hirvonen, and Stahl), Oct., 723
- Inks, technique for the separation of ink dyestuffs with similar R_F values (Kuranz), Oct., 852
- Insurance settlements, effect of the manner of death in medicolegal cases on insurance settlements involving double indemnity (Curvey), April, 390
- Isoenzymes, stability of PGM and AK isoenzymes in human tissues (Rothwell and Sayce), July, 590

J

- Jester, W. A.: see Pillay, K. K. S., Jester, W. A., and Fox, H. A.
- Johnson, D. W.: see Tillson, A. H. and Johnson, D. W.
- Johnson, T. A.: Foundation for politization of the police: its implications on the Watergate scandal, Oct., 836
- Joling, R. J.: Educating the forensic jurisprudent, April, 337
- Jones, J. A.: see DiMaio, V. J. M. and Jones, J. A.
- Jones, S. R., Besant-Matthews, P. E., Williams, F. J., and Stahl, C. J.; Injury potential of a reloaded tear gas pen gun, Oct., 812
- Joseff, M. F.: Review of Investigation and Preparation of Criminal Cases, Federal and State by Bailey and Rothblatt, July, 701 Judd, Gary
- Sabo, John, Hamilton, William, Ferriss, Stark, and Horn, Robert: SEM microstria-

tion characterization of bullets and contaminant particle identification, Oct., 798

- see Grove, C. A., Judd, Gary, and Horn, Robert
- see Wilson, Richard, Judd, Gary, and Ferriss, Stark

Justice system

- bias and quality control in forensic science: a cause for concern (Thomson), July. 504
- forensic science and the reduction of crime (Kingston and Peterson), July, 417
- foundation for politization of the police: its implications on the Watergate scandal (Johnson), Oct., 836
- on playing the game of expert witness in a two-value logic system (McCarthy), Jan., 130
- role of forensic jurisprudence in the judicial process (Matte), April, 327
- science in justice: the past 25 years (Schroeder), April, 233

К

- Katz, Sedelle: see Murphy, G. E., Gantner, G. E., Wetzel, R. D., Katz, Sedelle, and Ernst, M. F.
- Kaul, Balkrishena: see Coumbis, R. J. and Kaul, Balkrishena
- Kazyak, Leo: Information exchange and computerized data retrieval for toxicology, Jan., 147
- Keeping, E. S.: see Gaudette, B. D. and Keeping, E. S.
- Kingston, C. R. and Peterson, J. L.: Forensic science and the reduction of crime, July, 417
- Kirch, E. R.: see Christopoulos, G. N. and Kirch, E. R.
- Kirchgessner, W. G., DiPasqua, A. C., Anderson, W. A., and Delaney, G. V.: Drug identification by the application of gas chromatography/time-of-flight mass spectrometer technique, April, 313

Krishnan, S. S.

- Detection of gunshot residue on the hands by neutron activation and atomic absorption analysis, Oct., 789
- Firing distance determination by atomic absorption spectrophotometry, April, 351
- Kuranz, \hat{R} . L.: Technique for the separation of ink dyestuffs with similar R_F values, Oct., 852

 \mathbf{L}

- Larson, C. P.: Unusual methods of human identification used in three cases, April, 402 Laser microprobe
- sample methodology for laser microprobe analysis (Bosen, Pudzianowski, and Dragutinovich), April, 357

- use of the laser microprobe in forensic science (Sullivan, Pompa, Sabatino, and Horan), July, 486
- Law enforcement
 - bias and quality control in forensic science: a cause for concern (Thomson), July, 504
 - foundation for politization of the police: its implications on the Watergate scandal (Johnson), Oct., 836

Law (jurisprudence)

- educating the forensic jurisprudent (Joling), April, 337
- legal aspects of obtaining evidence for analysis by forensic techniques (Giannelli), July, 428
- role of forensic jurisprudence in the judicial process (Matte), April, 327
- Lawrence, R. D.: Respirator-induced pneumothorax and subcutaneous emphysema: experimental overinflation of cadaver lungs, July, 548

Legal medicine

- milestones in forensic science (Thomas), April, 241
- passing of lay coroners (Childs), Jan., 8
- reflections upon case history, diagnosis, and therapy of a frustrated patient: forensic science (Maehly), April, 255
- science in justice: the past 25 years (Schroeder), April, 233
- Litigation, suicide and civil litigation (Perr), April, 261
- Luke, J. L.: see Greene, M. H., Luke, J. L., and DuPont, R. L.
- Lukens, H. R. and Bryan, D. E.: DS method for evidence characterization, Oct., 855
- Lynch, V. deP.: Baccalaureate program in toxicology, Jan., 142

Μ

- Maehly, A. C.: Reflections upon case history, diagnosis, and therapy of a frustrated patient: forensic science, April, 255
- Manno, Barbara: see Manno, Joseph, Manno Barbara, Walsworth, David, and Herd, Ray
- Manno, Joseph, Manno, Barbara, Walsworth, David, and Herd, Ray: Analysis and interpretation of the cannabinolic content of confiscated marihuana samples, Oct., 884
- Manura, John: see Saferstein, Richard, Chao, Jew-Ming, and Manura, John

Marihuana

- analysis and interpretation of the cannabinolic content of confiscated marihuana samples (Manno, Manno, Walsworth, and Herd), Oct., 884
- microscopic morphology of marijuana ash (De Forest, Morton, and Henderson), April, 372

Marine fuels, analysis and survey of marine

fuels and pollution samples (Rouen and Reeve), July, 607

- Marshall, C. E. and Shappell, S. D.: Sudden death in association with the ballooning posterior mitral leaflet syndrome, Oct., 715 Mason, M. F.
 - Note upon barometric pressure and breathalcohol analysis, April, 325
 - Some reflections during a presidential term, Jan., 3
 - see Foerster, E. H. and Mason, M. F.

Mass spectrometry

- chemical ionization mass spectrometry: a rapid technique for forensic analyses (Beggs and Day), Oct., 891
- drug identification by the application of gas chromatography/time-of-flight mass spectrometer technique (Kirchgessner, Di-Pasqua, Anderson, and Delaney), April, 313
- identification of drugs by chemical ionization mass spectroscopy—part II (Saferstein, Chao, and Manura), July, 463
- Matte, P. J.: Role of forensic jurisprudence in the judicial process, April, 327
- Mattoo, B. N., Wani, A. K., and Asgekar, M. D.: Casualty criteria for wounds from firearms with special reference to shot penetration—part II, July, 585

McBay, A. J.

- Turk, R. F., Corbett, B. W., and Hudson, Page: Determination of propoxyphene in biological materials, Jan., 81
- see Turk, R. F., McBay, A. J., and Hudson, Page
- McCarthy, J. F.: On playing the game of expert witness in a two-value logic system, Jan., 130
- Medical experimentation, medical experimentation on captive populations in the United States (Perper), July, 557
- Messler, Harold: see Stevens, J. M. and Messler, Harold

Methadone

- methadone—a cause of death (Segal and Catherman), Jan. 64
- opiate overdose deaths in the District of Columbia. part II-methadone-related fatalities (Greene, Luke, and DuPont), July, 575
- Miller, J. T.: Review of An Introduction to Criminalistics by O'Hara and Osterburg, Jan., 178
- Mills, D. H.: Review of *The Medical Detectives* by Cooper, Oct., 929
- Milzoff, J. R.: see Pranitis, P. A. F., Milzoff, J. R., and Stolman, Abraham
- Mitosinka, G. T.: see Ogle, R. R., Jr. and Mitosinka, G. T.

Morphine

distribution of morphine and related com-

pounds in human tissues and biological fluids using radioimmunoassay techniques (Coumbis and Kaul), April, 307

- hydrolysis of morphine glucuronide (Fish and Hayes), July, 676
- Morton, C. V.: see De Forest, P. R., Morton, C. V., and Henderson, R. A.
- Muraki, A. S.: see Hadley, S. G., Muraki, A. S., and Spitzer, Kenneth
- Murphy, G. E., Gantner, G. E., Wetzel, R. D., Katz, Sedelle, and Ernst, M. F.: On the improvement of suicide determination, April, 276
- Murthy, S. N. S.: see Der Marderosian, A. H. and Murthy, S. N. S.

Ν

Nakamura, G. R.: see Cravey, R. H., Shaw, R. F., and Nakamura, G. R.

Narcotics, see Toxicology

Neutron activation analysis

- detection of gunshot residue on the hands by neutron activation and atomic absorption analysis (Krishnan), Oct., 789
- DS method for evidence characterization (Lukens and Bryan), Oct., 855
- Noguchi, T. T.: Review of *Current Methods of* Autopsy Practice by Ludwig, Jan., 180

0

Odontology

- Eva Braun Hitler's odontological identification—a forensic enigma? (Sognnaes), April, 215
- use of bite mark evidence as an investigative aid (Dinkel), July, 535

Ogle, R. R., Jr. and Mitosinka, G. T.: Identification of cut multistranded wires, Oct., 865

P

- Paraldehyde, fatal overdose of paraldehyde during treatment of a case of delirium tremens (DiMaio and Garriott), Oct., 755
- Parentage, blood groups of Chinese in New York City: application to problems of disputed parentage (Weiner), Oct., 735
- Parker, Brian: see Gurgin, V. A., Parker, Brian, and Betsch, S. J.

Parker, D. B.: Computer related crime, April, 292

Pathology

- asymmetrical hypertrophy of the heart: two sudden deaths in adolescents (Sturner and Spruill), July, 565
- case of infanticide (DiMaio and Bernstein), Oct., 744
- casualty criteria for wounds from firearms with special reference to shot penetration—

Part II (Mattoo, Wani, and Asgekar), July, 585

- deaths due to accidental discharge of a dropped handgun (DiMaio and Jones), Oct., 759
- fallacies in the signs of death (Burton), July, 529
- pathologic criteria of radiation injury (Warren), Oct., 709
- peculiarities of certain .22 caliber revolvers (Saturday night specials) (Schmidt-Orndorff, Reitz, and Spitz), Jan. 48
- postmortem chemistries on blood with particular reference to urea nitrogen, electrolytes, and bilirubin (Coe), Jan., 33
- postmortem chemistry: practical considerations and a review of the literature (Coe), Jan., 13
- respirator-induced pneumothorax and subcutaneous emphysema: experimental overinflation of cadaver lungs (Lawrence), July, 548
- sperm's morphologic survival after 16 days in the vagina of a dead body (Wilson), July, 561
- sternal foramen: the possible forensic misinterpretation of an anatomic abnormality (Taylor), Oct., 730
- sudden death in association with the ballooning posterior mitral leaflet syndrome (Marshall and Shappell), Oct., 715
- sudden unexpected death in hemoglobin SC disease (Hirsch, Chang, and Hoffman), Jan. 43
- timing of injury in human thermal burns (Raasch, Hirvonen, and Stahl), Oct., 723
- two deaths caused by a lack of oxygen in an underground chamber (Di Maio and Di Maio), April, 398
- unusual methods of human identification used in three cases (Larson), April, 402
- Perper, J. A.: Medical experimentation on captive populations in the United States, July, 557
- Perr, I. N.: Suicide and civil litigation, April, 261
- Peterson, J. L.: see Kingston, C. R. and Peterson, J. L.
- Petroleum products, analysis and survey of marine fuels and pollution samples (Rouen and Reeve), July, 607
- Petty, C. S.: see Stone, I. C., Jr. and Petty, C. S.
- Phillips, A. P.: Radioimmunoassay technique for digoxin in postmortem blood, Oct., 900
- Phillips, R. N.: Review of Drugs: Annotated Bibliography and Guide by Ajami, July, 700
- Physical anthropology attempt at determining probablities in human
 - scalp hair comparison (Gaudette and Keeping), July, 599

identification of primate hair (Rosen), Jan., 109

Pickering W. H.: Stardust on the bar: space fallout in criminalistics, April, 227

- Pillay, K. K. S., Jester, W. A., and Fox, H. A.: New method for the collection and analysis of gunshot residues as forensic evidence, Oct., 768
- Pneumothorax, respirator-induced pneumothorax and subcutaneous emphysema: experimental overinflation of cadaver lungs (Lawrence), July, 548
- Pollution, analysis and survey of marine fuels and pollution samples (Rouen and Reeve), July, 607
- Pompa, C.: see Sullivan, R. C., Pompa, C., Sabatino, L. V. and Horan, J. J.

Postmortem chemistry

- postmortem chemistries on blood with particular reference to urea nitrogen, electrolytes, and bilirubin (Coe), Jan., 33
- postmortem chemistry: practical considerations and a review of the literature (Coe), Jan., 13
- Pranitis, P. A. F., Milzoff, J. R., and Stolman, Abraham: Extraction of drugs from biofluids and tissues with XAD-2 resin, Oct., 917
- Primates, identification of primate hair (Rosen), Jan., 109
- Propellants, estimation of fluoroalkane propellants (Christopoulos and Kirch), Jan., 168 Propoxyphene
 - determination of propoxyphene in biological materials (McBay, Turk, Corbett, and Hudson), Jan., 81
 - incidence of propoxyphene poisoning: a report of fatal cases (Cravey, Shaw, and Nakamura), Jan., 72
- Propylhexedrine, two propylhexedrine-associated fatalities: Benzedrine® revisited (Sturner, Spruill, and Garriott), July, 572
- Psychiatry
 - evaluation of amnesia in criminal-legal situations (Sadoff), Jan., 98
 - multiple aspects of suicide (Babigian), April, 267
 - on the improvement of suicide determination (Murphy, Gantner, Wetzel, Katz, and Ernst), April, 276
 - sexual aberrance in male adolescents manifesting a behavorial triad considered predictive of extreme violence: some clinical observations (Wax and Haddox), Jan.. 102 suicide and civil litigation (Perr), April, 261
- Pudzianowski, Andrew: see Bosen, S. F., Pudzianowski, Andrew, and Dragutinovich, Gwen

Pyrolysis

potential of pyrolysis-gas chromatography for the pattern individualization of macromolecular materials (De Forest), Jan., 113 pyrolysis-gas chromatographic analysis of automobile paints (Stewart), Jan., 121

Q

Quality control, bias and quality control in forensic science: a cause for concern (Thomson), July, 504

Questioned documents

- effect of interchanging segments between two typewriters: a unique criminal defense defeated (Hilton), Oct., 841
- on playing the game of expert witness in a two-value logic system (MCCarthy), Jan., 130
- paper fiber impressions on carbon tape ribbons (Hahn), Jan., 136
- revised method of classifying fraudulent checks in a document examination laboratory (Schroeder), July, 618

R

- Raasch, R. O., Jr., Hirvonen, J. I., and Stahl, C. J.: Timing of injury in human thermal burns, Oct., 723
- Radiation, pathologic criteria of radiation injury (Warren), Oct., 709

Radioimmunoassay

- distribution of morphine and related compounds in human tissues and biological fluids using radioimmunoassay techniques (Coumbis and Kaul), April, 307
- radioimmunoassay technique for digoxin in postmortem blood (Phillips), Oct., 900
- Reeve, V. C.: see Rouen, R. A. and Reeve, V. C.
- Reitz, J. A.: see Schmidt-Orndorff, Hannelore, Reitz, J. A., and Spitz, W. U.
- Research, research at the Home Office Central Research Establishment (Curry), April, 301
- Resins, extraction of drugs from biofluids and tissues with XAD-2 resin (Pranitis, Milzoff, and Stolman), Oct., 917
- Rodgers, P. G.: see Bergh, A. K. and Rodgers, P. G.
- Root, Irving: see Scott, Wayne, Root, Irving, and Sanborn, Bernard
- Rosen, S. J.: Identification of primate hair, Jan., 109
- Rothwell, T. J. and Sayce, M. D.: Stability of PGM and AK isoenzymes in human tissues, July, 590
- Rouen, R. A. and Reeve, V. C.: Analysis and survey of marine fuels and pollution samples, July, 607
- Rupp, J. C.: Review of Investigation of Violent and Sudden Death by Hendrix, April, 410

S

Sabatino, L. V.: see Sullivan, R. C., Pompa,

C., Sabatino, L. V., and Horan, J. J.

- Sabo, John: see Judd, Gary, Sabo, John, Hamilton, William, Ferriss, Stark, and Horn, Robert
- Sachs, J. L.: Review of Constitutional Rights of the Accused—Pretrial Rights by Cook, Jan., 181
- Sadoff, R. L.: Evaluation of amnesia in criminal-legal situations, Jan., 98
- Saferstein, Richard, Chao, Jew-Ming, and Manura, John: Identification of drugs by chemical ionization mass spectroscopy—part II, July, 463
- Sanborn, Bernard: see Scott, Wayne, Root, Irving, and Sanborn, Bernard
- Sayce, M. D.: see Rothwell, T. J. and Sayce, M. D.

Scanning electron microscopy

- characterization of paint fragments by combined topographical and chemical electron optics techniques (Wilson, Judd, and Ferriss), April, 363
- evaluation of SEM potential in the examination of shotgun and rifle firing pin impressions (Grove, Judd, and Horn), July, 441
- microscopic morphology of marijuana ash (De Forest, Morton, and Henderson), April, 372
- SEM microstriation characterization of bullets and contaminant particle identification (Judd, Sabo, Hamilton, Ferris, and Horn), Oct., 798
- Schmidt-Orndorff, Hannelore, Reitz, J. A., and Spitz, W. U.: Peculiarities of certain .22 caliber revolvers (Saturday night specials), Jan., 48
- Schroeder, E. H. W.: Revised method of classifying fraudulent checks in a document examination laboratory, July, 618
- Schroeder, Oliver, Jr.: Science in justice: the past 25 years, April, 233
- Scott, Wayne, Root, Irving, and Sanborn, Bernard: Use of vitreous humor for determination of ethyl alcohol in previously embalmed bodies, Oct., 913
- Segal, R. J. and Catherman, R. L.: Methadone—a cause of death, Jan., 64
- Sex behavior, sexual aberrance in male adolescents manifesting a behavioral triad considered predictive of extreme violence: some clinical observations (Wax and Haddox), Jan., 102
- Shappell, S. D.: see Marshall, C. E. and Shappell, S. D.
- Shaw, R. F.: see Cravey, R. H., Shaw, R. F., and Nakamura, G. R.
- Siek, T. J.: Identification of drugs and other toxic compounds from their ultraviolet spectra. part I: ultraviolet absorption properties of sixteen structural groups, April, 193

- Silicone rubber casts, identification of cut multistranded wires (Ogle and Mitosinka), Oct., 865
- Sognnaes, R. F.: Eva Braun Hitler's odontological identification—a forensic enigma?, April, 215
- Space technology, stardust on the bar: space fallout in criminalistics (Pickering), April, 227
- Sperm, sperm's morphologic survival after 16 days in the vagina of a dead body (Wilson), July, 561
- Spermine, spermine and choline identification by thin-layer chromatography (Hallcock), Jan., 172
- Spitz, W. U.
 - Review of Koelsch's Textbook of Occupational Diseases ed. by Kersten, April, 411
 - see Schmidt-Orndorff, Hannelore, Reitz, J.A., and Spitz, W. U.
- Spitzer, Kenneth: see Hadley, S. G., Muraki, A. S., and Spitzer, Kenneth
- Spruill, F. G.
- see Sturner, W. Q. and Spruill, F. G.
- see Sturner, W. Q., Spruill, F. G., and Garriott, J. C.
- Stahl, C. J.
 - see Jones, S. R., Besant-Matthews, P. E., Williams, F. J., and Stahl, C. J.
 - see Raasch, F. O., Jr., Hirvonen, J. I., and Stahl, C. J.
 - see Winter, P. E., Stahl, C. J., Goldbaum, L. R., and Dominguez, A. M.
- Standardization, standardization of forensic drug analyses (Frank and Gunn), Jan., 163
- Sternum, sternal foramen: the possible forensic misinterpretation of an anatomic abnormality (Taylor), Oct., 730
- Stevens, J. M. and Messler, Harold: Trace metal detection technique (TMDT): a report outlining a procedure for photographing results in color, and some factors influencing the results in controlled laboratory tests, July, 496
- Stewart, W. D., Jr.: Pyrolysis-gas chromatographic analysis of automobile paints, Jan., 121

Stolman, Abraham

- Review of *Clinical Toxicology* by Thienes and Haley, Jan., 182
- see Pranitis, P. A. F., Milzoff, J. R., and Stolman, Abraham
- Stone, I. C., Jr. and Petty, C. S.: Examination of gunshot residues, Oct., 784

Sturner, W. Q.

- and Spruill, F. G.: Asymmetrical hypertrophy of the heart: two sudden deaths in adolescents, July, 565
- Spruill, F. G., and Garriott, J. C.: Two propylhexedrine-associated fatalities: Benzedrine[®] revisited, July, 572

Suicide

- multiple aspects of suicide (Babigian), April, 267
- on the improvement of suicide determination (Murphy, Gantner, Wetzel, Katz, and Ernst), April, 276
- role of toxicology in suicide evaluation (Blanke), April, 284

suicide and civil litigation (Perr), April, 261

Sullivan, R. C., Pompa, C., Sabatino, L. V. and Horan, J. J.: Use of the laser microprobe in forensic science, July, 486

Т

- Taylor, H. L.: Sternal foramen: the possible forensic misinterpretation of an anatomic abnormality, Oct., 730
- Tear gas, injury potential of a reloaded tear gas pen gun (Jones, Besant-Matthews, Williams, and Stahl), Oct., 812

Thin-layer chromatography

- analysis of old samples of *cannabis sativa* L. (Der Marderosian and Murthy), July, 670
- extraction of drugs from biofluids and tissues with XAD-2 resin (Pranitis, Milzoff, and Stolman), Oct., 917
- spermine and choline identification by thinlayer chromatography (Hallcock), Jan., 172
- Thomas, Frederic: Milestones in forensic science, April, 241
- Thomson, M. A.: Bias and quality control in forensic science: a cause for concern, July, 504
- Tillson, A. H. and Johnson, D. W.: Identification of drug tablet and capsule evidence as to source, Oct., 873

Toxicology

- analysis and interpretation of the cannabinolic content of confiscated marihuana samples (Manno, Manno, Walsworth, and Herd), Oct., 884
- analysis of old samples of *cannabis sativa* L. (Der Marderosian and Murthy), July, 670
- baccalaureate program in toxicology (Lynch), Jan., 142
- chemical ionization mass spectrometry: a rapid technique for forensic analyses (Beggs and Day), Oct., 891
- determination of propoxyphene in biological materials (McBay, Turk, Corbett, and Hudson), Jan., 81
- discoloration effect of diluents in contraband cocaine (Dugar, Catalano, and Cerrato), Oct., 868
- distribution of morphine and related compounds in human tissues and biological fluids using radioimmunoassay techniques (Coumbis and Kaul), April, 307
- drug excretion in the urine of military separatees: a pilot study (Winter, Stahl,

Goldbaum, and Dominguez), April, 317

- drug identification by the application of gas chromatography/time-of-flight mass spectrometer technique (Kirchgessner, DiPasqua, Anderson, and Delaney), April, 313
- drug involvement in automobile driver and pedestrian fatalities (Turk, McBay, and Hudson), Jan., 90
- estimation of fluoroalkane propellants (Christopoulos and Kirch), Jan., 168
- extraction of drugs from biofluids and tissues with XAD-2 resin (Pranitis, Milzoff, and Stolman, Oct., 917
- fatal overdose of paraldehyde during treatment of a case of delirium tremens (Di-Maio and Garriott), Oct., 755
- fluorescence and phosphorescence spectra and phosphorescence decay time of harmine, harmaline, harmalol, harmane, and norharman in aqueous solutions and EPA at 77 K (Hadley, Muraki, and Spitzer), July, 647
- hydrolysis of morphine glucuronide (Fish and Hayes), July, 676
- identification of drugs and other toxic compounds from their ultraviolet spectra. part I: ultraviolet absorption properties of sixteen structural groups (Siek), April, 193
- identification of drugs by chemical ionization mass spectroscopy-part II (Saferstein, Chao, and Manura), July, 463
- identification of drug tablet and capsule evidence as to source (Tillson and Johnson), Oct., 873
- incidence of propoxyphene poisoning: a report of fatal cases (Cravey, Shaw, and Nakamura), Jan., 72
- information exchange and computerized data retrieval for toxicology (Kazyak), Jan., 147
- methadone—a cause of death (Segal and Catherman), Jan., 64
- microscopic morphology of marijuana ash (De Forest, Morton, and Henderson), April, 372
- note upon barometric pressure and breathalcohol analysis (Mason), April, 325
- on the choice of color filters for the Breathalyzer[®] (Bergh and Rodgers), July, 684
- opiate overdose deaths in the District of Columbia. part II—methadone-related fatalities (Greene, Luke, and DuPont), July, 575
- preliminary studies on the use of *n*-butyl chloride as an extractant in a drug screening procedure (Foerster and Mason), Jan., 155
- radioimmunoassay technique for digoxin in postmortem blood (Phillips), Oct., 900
- research at the Home Office Central Research Establishment (Curry), April, 301

- role of toxicology in suicide evaluation (Blanke), April, 284
- standardization of forensic drug analyses (Frank and Gunn), Jan., 163
- two propylhexedrine-associated fatalities: Benzedrine [®] revisited (Sturner, Spruill, and Garriott), July, 572
- use of chemical spot tests kits for the presumptive identification of narcotics and drugs of abuse (Velapoldi and Wicks), July, 636
- use of vitreous humor for determination of ethyl alcohol in previously embalmed bodies (Soctt, Root, and Sanborn), Oct., 913
- vacuum searches in narcotics cases (Fasanello and Henderson), April, 379
- Trace elements, DS method for evidence characterization (Lukens and Bryan), Oct., 855

Trace metals

- sample methodology for laser microprobe analysis (Bosen, Pudzianowski, and Dragutinovich), April, 357
- trace metal detection technique (TMDT): a report outlining a procedure for photographing results in color, and some factors influencing the results in controlled laboratory tests (Stevens and Messler), July, 496
- use of the laser microprobe in forensic science (Sullivan, Pompa, Sabatino, and Horan), July, 486
- Tuchler, M. I.: Review of Key to Psychiatry— A Textbook for Students by Sainsbury, Oct., 931

Turk, R. F.

- McBay, A. J., and Hudson, Page: Drug involvement in automobile driver and pedestrian fatalities, Jan., 90
- see McBay, A. J., Turk, R. F., Corbett, B. W., and Hudson, Page

Typewriters

- effect of interchanging segments between two typewriters: a unique criminal defense defeated (Hilton), Oct., 841
- paper fiber impressions on carbon tape ribbons (Hahn), Jan., 136

U

Ultraviolet spectra

- determination of propoxyphene in biological materials (McBay, Turk, Corbett, and Hudson), Jan., 81
- identification of drugs and other toxic compounds from their ultraviolet spectra. part I: ultraviolet absorption properties of sixteen structural groups, (Siek), April, 193
- Urine, drug excretion in the urine of military separatees: a pilot study (Winter, Stahl, Goldbaum, and Dominguez), April, 317

V

- Vacuum searches, vacuum searches in narcotics cases (Fasanello and Henderson), April, 379 Vagnina, L. L.
 - Review of Flight Characteristics and Stain Patterns of Human Blood by MacDonnell, July, 696
 - Review of Laboratory Manual on the Geometric Interpretation of Human Bloodstain Evidence by MacDonnell and Bialousz, July, 697
- Velapoldi, R. A. and Wicks, S. A.: Use of chemical spot tests kits for the presumptive identification of narcotics and drugs of abuse, July, 636
- Vitreous humor, use of vitreous humor for determination of ethyl alcohol in previously embalmed bodies (Scott, Root, and Sanborn), Oct., 913

W

- Walsworth, David: see Manno, Joseph, Manno, Barbara, Walsworth, David, and Herd, Ray
- Wani, A. K.: see Mattoo, B. N., Wani, A. K., and Asgekar, M. D.
- Warren, Shields: Pathologic criteria of radiation injury, Oct., 709
- Wax, D. E. and Haddox, V. G.: Sexual aberrance in male adolescents manifesting a behavioral triad considered predictive of extreme violence: some clinical observations, Jan., 102
- Wetzel, R. D.: see Murphy, G. E., Gantner, G. E., Wetzel, R. D., Katz, Sedelle, and Ernst, M. F.
- Wicks, S. A.: see Velapoldi, R. A. and Wicks, S. A.
- Wiener, A. S.: Blood groups of Chinese in New York City: application to problems of disputed parentage, Oct., 735
- Williams, F. J.: see Jones, S. R., Besant-Matthews, P. E., Williams, F. J., and Stahl, C. J.
- Wilson, E. F.: Sperm's morphologic survival after 16 days in the vagina of a dead body, July, 561
- Wilson, Richard, Judd, Gary, and Ferriss, Stark: Characterization of paint fragments by combined topographical and chemical optics techniques, April, 363
- Winter, P. E., Stahl, C. J., Goldbaum, L. R., and Dominguez, A. M.: Drug excretion in the urine of military separatees: a pilot study, April, 317
- Wire, identification of cut multistranded wires Ogle and Mitosinka), Oct., 865

Y

Young, S. G.: Restoration of obliterated stamped serial numbers by ultrasonically induced cavitation in water, Oct., 820