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KEY=PRACTICAL - WATERS PORTER

PRACTICAL CRIME SCENE PROCESSING AND INVESTIGATION, THIRD EDITION

CRC Press Every action performed by a crime scene investigator has an underlying purpose: to both recover evidence and capture scene context. It is imperative that crime scene investigators must understand their mandate—not only as an essential function of their job but because they have the immense responsibility and duty to do so. Practice Crime Scene Processing and Investigation, Third Edition provides the essential tools for what crime scene investigators need to know, what they need to do, and how to do it. As professionals, any investigator's master is the truth and only the truth. Professional ethics demands an absolute adherence to this mandate. When investigators can effectively seek, collect, and preserve information and evidence from the crime scene to the justice system—doing so without any agenda beyond seeking the truth— not only are they carrying out the essential function and duty of their job, it also increases the likelihood that the ultimate goal of true justice will be served. Richly illustrated—with more than 415 figures, including over 300 color photographs—the Third Edition of this best-seller thoroughly addresses the role of the crime scene investigator in the context of: Understanding the nature of physical evidence, including fingerprint, biological, trace, hair and fiber, impression, and other forms of evidence Assessing the scene, including search considerations and dealing with chemical and bioterror hazards Crime scene photography; scene sketching, mapping, and documentation; and the role of crime scene analysis and reconstruction Bloodstain pattern analysis and discussion of the body as a crime scene Special scene considerations, including fire, buried bodies, and entomological evidence Coverage details the importance of maintaining objectivity, emphasizing that every action the crime scene investigator performs has an underlying purpose: to both recover evidence and capture scene context. Key features: Outlines the responsibilities of the responding officer, from documenting and securing the initial information to providing emergency care Includes three new chapters on light technology and crime scene processing techniques, recovering fingerprints, and castings Addresses emerging technology and new techniques in 3-D Laser scanning procedures in capturing a scene Provides a list of review questions at the end of each chapter Practice Crime Scene Processing and Investigation, Third Edition includes practical, proven methods to be used at any crime scene to ensure that evidence is preserved, admissible in court, and persuasive. Course ancillaries including PowerPoint® lecture slides and a Test Bank are available with qualified course adoption.

PRACTICAL CRIME SCENE INVESTIGATIONS FOR HOT ZONES

CRC Press The work of Crime Scene Investigators (CSIs) is made more complicated when the scene is contaminated by either Chemical, Biological, Radiological, Nuclear, Explosives (CBRNEs) or Toxic Industrial Chemicals (TICs). Special considerations must be observed when working at such scenes, whether they are the result of acts of terrorism, accidents, or nat

PRACTICAL CRIME SCENE ANALYSIS AND RECONSTRUCTION

CRC Press Crime scene reconstruction (CSR) is today's hot topic. The immense proliferation of television, print, and electronic media directed at this area has generated significant public interest, albeit occasionally encouraging inaccurate perceptions. Practical Crime Scene Analysis and Reconstruction bridges the gap between perception and reality, helping

PRACTICAL ASPECTS OF RAPE INVESTIGATION

A MULTIDISCIPLINARY APPROACH, SECOND EDITION

CRC Press This multidisciplinary book brings into focus the five different groups involved in rape investigation: the police investigator, the examining nurse, the forensic scientist, the crisis counselor, and the prosecutor. It demonstrates how each must work together for more effective handling of all kinds of sexual assault crimes. Several chapters of this updated bestseller are rewritten by new contributors. New areas of interest include delayed reporting, false rape allegations, elder abuse, and mental retardation.

PRACTICAL CRIME SCENE PROCESSING AND INVESTIGATION, SECOND EDITION

Taylor & Francis All too often, the weakest link in the chain of criminal justice is the crime scene investigation. Improper collection of evidence blocks the finding of truth. Now in its second edition, Practical Crime Scene Processing and Investigation presents practical, proven methods to be used at any crime scene to ensure that evidence is admissible and persuasive. Accompanied by more than 300 color photographs, topics discussed include: Understanding the nature of physical evidence, including fingerprint, biological, trace, hair and fiber, and other forms of evidence Actions of the responding officer, from documenting and securing the initial information to providing emergency care Assessing the scene, including search considerations and dealing with chemical and bioterror hazards Crime scene photography, sketching, mapping, and notes and reports Light technology and preserving fingerprint and impression evidence Shooting scene documentation and reconstruction Bloodstain pattern analysis and the body as a crime scene Special scene considerations, including fire, buried bodies, and entomological evidence The role of crime scene analysis and reconstruction, with step-by-step procedures Two appendices provide additional information on crime scene equipment and risk management, and each chapter is enhanced by a succinct summary, suggested readings, and a series of questions to test assimilation of the material. Using this book in your investigations will help you find out what happened and who is responsible.

PRACTICAL CRIMINAL INVESTIGATIONS IN CORRECTIONAL FACILITIES

CRC Press AN INSIDE LOOK INTO INVESTIGATING THE MOST VIOLENT SUB-CULTURE IN THE WORLD Once an offender is behind bars, many people believe that he is no longer a threat to society. However, the felonious activities of confined inmates reach out into society every day. These inmates run lucrative drug operations, commit fraud, hire contract murders, an

PRACTICAL ASPECTS OF INTERVIEW AND INTERROGATION

Taylor & Francis US Written by two experts who have conducted more than 15,000 interviews and interrogations from theft to homicide, this book covers the entire sequence of events that occur during the interview and interrogation process. The authors present their method in a cookbook fashion, allowing the flexibility to select a number of different paths to interrogating a suspect.

PRACTICAL ANALYSIS AND RECONSTRUCTION OF SHOOTING INCIDENTS

CRC Press The ultimate goal of collecting, preserving, and examining physical evidence is individualization - associating each piece with its responsible source. Firearms evidence in particular has the potential to individualize its source. Accessible and comprehensive, Practical Analysis and Reconstruction of Shooting Incidents provides the foundation necessary to develop and sharpen the skills used to investigate shooting incidents. It provides an explanation of what constitutes pertinent evidence and appropriate results pertaining

to autopsies, forensic laboratory analysis, and reenactments. The text also reviews basic firearm design, function, ammunition components, and the terminology required for understanding evidence encountered at the scene. The book explains the basic mathematics of shooting reconstruction and includes sample problems at the end of each chapter. It presents case studies that feature those involving the John F. Kennedy and Robert F. Kennedy assassinations. It also details proper photographic documentation and effective courtroom techniques used to present the results of shooting reconstructions to juries, with examples of acceptable demonstrative evidence. Arming the investigator with the means to successfully examine and evaluate what transpired at the scene, *Practical Analysis and Reconstruction of Shooting Incidents* is an important resource to have accessible at all times.

PRACTICAL ASPECTS OF RAPE INVESTIGATION

A MULTIDISCIPLINARY APPROACH, FIFTH EDITION

CRC Press This latest edition addresses rape and sexual assaults from all clinical, pathological, medical, and legal aspects. The book focuses on the victim and covers contemporary issues in sexual violence, investigative aspects of rape and sexual assault, offender fantasy, the personality of the offender, collection of evidence, medical examinations, and treatment, as well as trial preparation issues. Special topics include pedophiles, female and juvenile offenders, drug-facilitated rape, sexual sadism, elder abuse, and sexual assault within the military.

PRACTICAL CRIME SCENE PROCESSING AND INVESTIGATION, SECOND EDITION

CRC Press All too often, the weakest link in the chain of criminal justice is the crime scene investigation. Improper collection of evidence blocks the finding of truth. Now in its second edition, *Practical Crime Scene Processing and Investigation* presents practical, proven methods to be used at any crime scene to ensure that evidence is admissible and persuasive. Accompanied by more than 300 color photographs, topics discussed include: Understanding the nature of physical evidence, including fingerprint, biological, trace, hair and fiber, and other forms of evidence Actions of the responding officer, from documenting and securing the initial information to providing emergency care Assessing the scene, including search considerations and dealing with chemical and bioterror hazards Crime scene photography, sketching, mapping, and notes and reports Light technology and preserving fingerprint and impression evidence Shooting scene documentation and reconstruction Bloodstain pattern analysis and the body as a crime scene Special scene considerations, including fire, buried bodies, and entomological evidence The role of crime scene analysis and reconstruction, with step-by-step procedures Two appendices provide additional information on crime scene equipment and risk management, and each chapter is enhanced by a succinct summary, suggested readings, and a series of questions to test assimilation of the material. Using this book in your investigations will help you find out what happened and who is responsible.

PRACTICAL COLD CASE HOMICIDE INVESTIGATIONS PROCEDURAL MANUAL

CRC Press Designed for use by investigators in any agency, large or small, *Practical Cold Case Homicide Investigations Procedural Manual* provides an overview of the means and methods by which previously reported and investigated yet unresolved homicides might be solved. Written by an experienced cold case investigator and consultant, this convenient handbook

PRACTICAL HOMICIDE INVESTIGATION

TACTICS, PROCEDURES, AND FORENSIC TECHNIQUES

CRC-Press Learn the techniques and procedures to catch killers in *Practical Homicide Investigation*, the trusted "bible" used by thousands of law enforcement professionals across the country and around the world. Now the new Third Edition includes even more information - more photographs, more illustrations, more checklists, more case studies, and more protocols - than ever before. 75% OF THE MATERIAL IS REVISED AND EXPANDED! Virtually all of the chapters from the second edition have been updated in the new Third Edition. The chapters on sex-related homicide investigation and criminal profiling have been greatly expanded, enabling the investigator to recognize the different classifications of sex-related death to make an early assessment of possible suspects. New chapters deal with sensitive psychological issues such as death notification of the surviving families of homicide victims and the dynamics of suicide. Scientific advances in areas such as DNA technology are addressed. For the benefit of police administrators, the chapter on management has been restructured to provide guidance on the makeup and mission of the homicide investigative unit. This chapter also includes a section on putting together an Apprehension Team for arresting homicide fugitives. 480 PHOTOGRAPHS AND ILLUSTRATIONS, 24 FULL-COLOR INSERTS, AND 90 CASE STUDIES! The book includes numerous photographs, illustrations, and case studies depicting exactly what to look for and how to interpret a crime scene. New photographs of wound structure and injury aid the investigator in properly assessing the mode of death. The 24 color photographs graphically illustrate morphologic changes in the decomposing human body, and include examples of defense wounds, insect infestation, lividity, and wound structure. "Before and after" photographs of crime scenes treated with Luminol and victims treated with Toluidine blue illustrate the use of these chemicals in making invisible evidence visible to the naked eye. INCLUDES ALL YOU NEED TO KNOW TO CONDUCT A THOROUGH HOMICIDE INVESTIGATION In the tradition of the best-selling previous editions, the Third Edition continues to be the encyclopedic source book on homicide investigation. It combines a straightforward presentation of detailed techniques with factual, instructive case studies. It stresses the basics, indicates the practicalities of certain investigative techniques, and provides patterns upon which to build a solid foundation for a prosecutable case. *Practical Homicide Investigation, Third Edition* is the indispensable guide for students of criminalistics, as well as for professionals involved in homicide investigation. No investigator should be without this veritable encyclopedia of homicide investigation. NEW TO THE THIRD EDITION: 174 new photographs and line drawings Four completely new chapters: death notification, suicide investigation, homosexual homicide investigation, and narcotics-related homicide investigation Updated section on DNA technology 50 new case studies

PRACTICAL INVESTIGATION OF SEX CRIMES

A STRATEGIC AND OPERATIONAL APPROACH

CRC Press Because of the sensitive nature of sex crimes, police officials must develop a specialized set of interviewing skills to effectively investigate them. Written by former Commanding Officer of the Manhattan Special Victims Squad Thomas P. Carney, *Practical Investigation of Sex Crimes: A Strategic and Operational Approach* provides a day-to-day guide for investigating sex crimes. Using actual case histories, this comprehensive resource demonstrates the need for policymakers to create separate sex crime units within their jurisdictions and provides law enforcement officials with the tools necessary to thoroughly investigate these unique crimes.

PRACTICAL FIRE AND ARSON INVESTIGATION, SECOND EDITION

CRC Press Did you know. . . . that arson has been described as the fastest-growing crime in America? . . . that arson is the most expensive crime committed? . . . that over 8 billion dollars was estimated lost due to fires in 1994? . . . that an estimated 86,000 structure fires of incendiary or suspicious origin were reported in 1994? David Redsicker provides these statistics and much more, including practical methods, information, and advice for investigating these types of crimes, in *Practical Fire and Arson Investigation, Second Edition*. Extensively rewritten second edition of this practical manual - More than 40% new material! *Practical Fire and Arson Investigation, Second Edition* is a significantly revised, updated, and expanded new edition of this best-selling book in the *Practical Aspects of Criminal and Forensic Investigations* series, edited by Vernon Geberth. As in the first edition, specific details on the basic principles are presented, and advanced applied techniques for conducting a thorough fire and arson investigation are detailed. New topics covered in the Second Edition include: Extensively rewritten chapters on determining origin and cause, eliminating accidental fire causes, investigating fatal fires and vehicular fires, and documenting the fire/crime scene Fire scene photography using "painting with light" Importance of evidence preservation and analysis in civil litigation of liability and product defects

FORENSIC PATHOLOGY

CRC Press Medicolegal investigation of death is the most crucial and significant function of the medical examiner within the criminal justice system. The medical examiner is primarily concerned with violent, sudden, unexpected, and suspicious deaths and is responsible

for determining the cause and manner of death, identifying the deceased, determining the ap

GUNSHOT WOUNDS

PRACTICAL ASPECTS OF FIREARMS, BALLISTICS, AND FORENSIC TECHNIQUES, SECOND EDITION

CRC Press Written by the nation's foremost authority on gunshot wounds and forensic techniques as they relate to firearm injuries, *Gunshot Wounds: Practical Aspects of Firearms, Ballistics, and Forensic Techniques, Second Edition* provides critical information on gunshot wounds and the weapons and ammunition used to inflict them. The book describes practical aspects of ballistics, wound ballistics, and the classification of various wounds caused by handguns, bang guns, rifles, and shotguns. The final chapters explain autopsy technique and procedure and laboratory analysis relating to weapons and gunshot evidence.

INTRODUCING FORENSIC AND CRIMINAL INVESTIGATION

SAGE PUBLICATIONS

SAGE This book is a lucid and practical guide to understanding the core skills and issues involved in the criminal investigation process. Drawing on multiple disciplines and perspectives, the book promotes a critical awareness and practical comprehension of the intersections between criminology, criminal investigation and forensic science, and uses active learning strategies to help students build their knowledge. The book is organised around the three key strategic phases in a criminal investigation: - Instigation and Initial Response - The Investigation - Case Management Each strategic phase of the investigative process is carefully explained and examined. Alongside this practical approach, theoretical perspectives and academic research are laid bare for students. *Introducing Forensic and Criminal Investigation* is essential reading for students in criminology, criminal justice, policing, forensic psychology and related courses.

GLOBAL DRUG ENFORCEMENT

PRACTICAL INVESTIGATIVE TECHNIQUES

CRC Press It's a national epidemic and an international conspiracy. Drugs have infested our society with a vengeance, making the drug enforcement agent a central figure in the war on drugs. International training teams of the U.S. Drug Enforcement Administration (DEA) have traditionally taught the special skills required by all drug agents. Until now, there

INTRODUCTION TO CRIMINAL INVESTIGATION

CRC Press The manner in which criminal investigators are trained is neither uniform nor consistent, ranging from sophisticated training protocols in some departments to on-the-job experience alongside senior investigators in others. Ideal for students taking a first course in the subject as well as professionals in need of a refresher, *Introduction to Crimin*

DIMAIO'S FORENSIC PATHOLOGY

CRC Press The first two editions of *Forensic Pathology* have been highly touted as the definitive, go-to text reference on forensic pathology and this latest edition is no exception. DiMaio's *Forensic Pathology, Third Edition* is fully updated to include the many advancements that have occurred in the field over the last 20 years since the last edition was published. Joining Dr. Vincent DiMaio is practicing forensic pathologist Dr. Kimberley Molina who brings her expertise to the latest edition of this all-time best-selling work. Historical chapters have been reviewed and updated, and the natural disease and toxicology chapters have been streamlined, so as to expand on the new improvements in the field. New content includes discussions on chronic traumatic encephalopathy, sudden unexplained infant deaths, deaths in the elderly and blast injuries - among other topics. Chapters incorporate changes to death investigation, forensic DNA typing and other relevant fields relative to forensic pathology and determination of death. In addition, the third edition includes an entirely new - and long-sought-after - chapter summarizing Dr. DiMaio's world-renowned expertise on gunshot wounds. Key Features Includes over 400 full-color images illustrating key concepts Boasts new chapters on gunshot wounds, mass fatality incidents and the application of forensic science principles to forensic pathology practice Provides updated and expanded coverage of medicolegal death investigation, postmortem changes, time of death, deaths in custody, deaths in the elderly and drug-related deaths Presents new research and advanced techniques, ranging from chronic traumatic encephalopathy to new and emerging drugs DiMaio's *Forensic Pathology, Third Edition* maintains its concise, easy-to-read format with completely updated references and over 400 full-color demonstrative photographs and photomicrographs to illustrate concepts - making it appealing not only to forensic pathologists, but also law enforcement personnel and attorneys. This highly anticipated work continues Dr. DiMaio's long legacy of producing invaluable educational and professional resources.

PRACTICAL FORENSIC DIGITAL IMAGING

APPLICATIONS AND TECHNIQUES

CRC Press Well-documented scenes can prove to be invaluable pieces of evidence at trial, and the ability to take compelling photographs is a critical skill for forensic scientists and investigators. *Practical Forensic Digital Imaging: Applications and Techniques* is an up-to-date and thorough treatment of digital imaging in the forensic sciences. Balancing pr

THE PRACTICE OF CRIME SCENE INVESTIGATION

CRC Press Crime scene investigation involves the use and integration of scientific methods, physical evidence, and deductive reasoning in order to determine and establish the series of events surrounding a crime. The quality of the immediate crime scene response and the manner in which the crime scene is examined are critical to the success of the investigation. Evidence that is missed or corrupted by incomplete or improper handling can have a devastating effect on a case and keep justice from being served. *The Practice of Crime Scene Investigation* covers numerous aspects of crime scene investigation, including the latest in education and training, quality systems accreditation, quality assurance, and the application of specialist scientific disciplines to crime. The book discusses a range of basic and advanced techniques such as fingerprinting, dealing with trauma victims, photofit technology, the role of the pathologist and ballistic expert, and signal processing. It also reviews specialist crime scene examinations including clandestine laboratories, drug operations, arson, and explosives.

PRACTICAL INVESTIGATION TECHNIQUES

CRC Press *Practical Investigation Techniques* is useful for new as well as veteran investigators to establish a practical standard for conducting a wide range of diverse criminal investigations. Written by a veteran investigator, the book teaches the proper investigative techniques for such criminal activities as extortion, blackmail, credit card fraud, check fraud, fencing operations, employee theft, sports gambling, money laundering, and shoplifting rings. *Practical Investigation Techniques* is presented in an easy-to-read format and provides a wealth of specific investigation techniques, checklists, and case studies.

PRACTICAL BOMB SCENE INVESTIGATION, SECOND EDITION

CRC Press Now in its second edition, *Practical Bomb Scene Investigation* explores the investigative process that improvised explosive device (IED) specialists undertake at the scene of an explosion. Providing easy-to-understand, step-by-step procedures for managing and processing a bomb scene, it enables investigators to find the evidence and then make sense of what is found. The book is not only a roadmap of knowledge on how to find and collect evidence, but also an instructional guide on how to safely and effectively assess the scene. New in this Edition: Information on detonation pressure and its effects on the body Instructions on how to collect additional information from the scene in order to provide an estimate of the explosives weight of the IED A glossary for a more in-depth understanding of the terms associated with explosives and the investigation processes A greatly expanded IED component identification chapter A chapter on how to expeditiously investigate a post-blast scene in a hostile environment Information on how to prepare an Investigative Report

CRC SERIES IN PRACTICAL ASPECTS OF CRIMINAL AND FORENSIC INVESTIGATIONS

FOOTWEAR IMPRESSION EVIDENCE

DETECTION, RECOVERY AND EXAMINATION, SECOND EDITION

CRC Press Reviewed and recognized as the most authoritative source in the field, this book describes the methods used worldwide to recover and identify footwear impressions from the scene of a crime. In this new edition, everything, including the original twelve chapters, bibliography, appendix, etc., has been clarified, updated and expanded. This edition includes updated and new information on recovery procedures and materials such as lifting, photography and casting; chemical enhancement; updated information about footwear manufacturing; footwear sizing; and known impression techniques and materials. **WHAT'S NEW IN THE SECOND EDITION:** Besides updating and expanding the twelve original chapters, *Footwear Impression Evidence: Detection, Recovery and Examination, Second Edition* adds three new chapters: one chapter on barefoot evidence, which concerns impressions made by the naked or sock-clad foot or those which remain in abandoned or discarded footwear; another new chapter on several cases in which the footwear impression evidence was of primary importance in bringing about a conviction or confession; and finally, a new chapter on the footwear impression evidence in the O.J. Simpson criminal and civil cases.

SEX-RELATED HOMICIDE AND DEATH INVESTIGATION

PRACTICAL AND CLINICAL PERSPECTIVES, SECOND EDITION

CRC Press Remember: Do it right the first time. You only get one chance. Vernon J. Geberth, M.S., M.P.S., 1980, Homicide and Forensic Consultant, Author of *Practical Homicide Investigation*, and the Series Editor of *Practical Aspects of Criminal and Forensic Investigations*. In *Practical Homicide Investigation*, renowned author and investigator Vernon J. Geberth

THE PRACTICAL METHODOLOGY OF FORENSIC PHOTOGRAPHY, SECOND EDITION

CRC Press Written by an experienced professional who consults regularly on cases throughout North America, *The Practical Methodology of Forensic Photography* expertly combines the latest methods of photographic documentation with a practical step-by-step presentation. Redicker discusses the "how to" of basic photography (including techniques and equipment), shows the essentials of videography, and offers the fundamentals of aerial, underwater, and surveillance photography as related to court evidence. *The Practical Methodology of Forensic Photography* covers all aspects of photographic documentation, from the proven techniques involving still-cameras, film, and lighting to the latest advances in video, thermography, proton induced X-Ray emission, and computer imaging. Unlike other forensic photography books, this book focuses on the proper photographic preparation of evidence and documentation for expert testimony. In addition to over 250 photographic illustrations, *The Practical Methodology of Forensic Photography* includes an extensive glossary of terms crucial in the preparation of legal reports. This valuable addition to the *Practical Aspects of Criminal and Forensic Investigations Series* will be greatly beneficial to a broad base of professionals working in law enforcement, fire service, medicine, law, engineering, and insurance.

TIRE IMPRINT EVIDENCE

CRC Press Improve your use of tire imprint evidence with the work of an expert. McDonald discusses methods for examining, capturing, and recording imprints, outlines standard procedures for identification, shows how to prepare expert testimony, and provides detailed technical information helpful in identifying imprints.

COLD CASE HOMICIDES

PRACTICAL INVESTIGATIVE TECHNIQUES, SECOND EDITION

CRC Press This book, now in its second edition, is the first and most exhaustive text covering the still growing popularity of cold case investigations which locate perpetrators and free the innocent. The new edition adds approximately 80 pages of content, including material on clandestine graves and investigating cold gang cases. The book merges theory with practice through the use of case histories, photographs, illustrations and checklists that convey essential, fundamental concepts while providing a strong, practical basis for the investigative process.

PRACTICAL HOMICIDE INVESTIGATION CHECKLIST AND FIELD GUIDE, SECOND EDITION

CRC Press *Practical Homicide Investigation: Tactics, Procedures, and Forensic Techniques, Fourth Edition* has long been considered the "bible of homicide investigation." Designed to accompany this bestselling work, *Practical Homicide Investigation Checklist and Field Guide, Second Edition* provides first responders, police personnel, and medical examiners and coroners with essential checklists that proceed step-by-step through the tactics, procedures, and forensic techniques that are mandatory in sudden and violent death inquiries. This new edition contains twice the material of the first edition, yet maintains its concise, practical format. Topics include: Specific investigative duties at the death scene Suicide and equivocal death investigation Autoerotic fatalities and other sex-related deaths Fatal fires SIDS and Munchausen syndrome by proxy Police-related shootings and deadly force incidents Crime scene photograph documentation and videotaping protocols Guidelines for proper death notification to family members Supplemented by color anatomical diagrams and indexed by type of crime for quick and easy reference, this second edition has been newly revised with the most current information and updates in technology. The appendix contains collection procedures for specific types of evidence, ensuring that a proper and complete investigation can be undertaken in all cases. Forensic professionals who master the material in this guide can be assured that death scenes are handled professionally and expeditiously and no evidence is overlooked.

STRENGTHENING FORENSIC SCIENCE IN THE UNITED STATES

A PATH FORWARD

National Academies Press Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. *Strengthening Forensic Science in the United States: A Path Forward* provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits

of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. *Strengthening Forensic Science in the United States* gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

ELSEVIER SERIES IN PRACTICAL ASPECTS OF CRIMINAL AND FORENSIC INVESTIGATIONS

PRACTICAL HOMICIDE INVESTIGATION

TACTICS, PROCEDURES, AND FORENSIC TECHNIQUES, FIFTH EDITION

CRC Press Renowned for being THE definitive resource for homicide investigators, *Practical Homicide Investigation: Tactics, Procedures, and Forensic Techniques* details the recognized protocols used by investigative divisions of major police departments throughout the world. The text is used in most police academies, including the FBI Academy in Quantico, Virginia. Now in its fifth edition, the book begins with a comprehensive discussion of homicide crime scenes and moves chronologically from initial police notification, the correct police response that follows, and the subsequent steps necessary to conduct an intelligent investigation. It then delves into the more technical aspects of homicide investigation, augmented with numerous pictures and full-color illustrations that involve pertinent case histories. This latest edition includes three new chapters along with fully revised chapters with new case histories and techniques that reflect the latest forensic methods and modern investigative procedures. Highlights of the Fifth Edition Include: Newly revised "Homicide Investigator's Checklist" A new chapter on the latest DNA technology A rewritten chapter on equivocal death investigations that includes staged crime scenes Additional information on modes of death Fully updated chapters on death notifications, sex-related homicide, management for police administrators, suicide investigation, and narcotics-related and homosexually based homicides Over 920 photos and illustrations, 250 new photographs, and several new case histories Eminent author, lecturer, consultant, and expert witness Vernon J. Geberth incorporates his more than four and a half decades of real-world law enforcement experience in this quintessential reference. This classic and must-have resource provides the most vital information needed by detectives and police investigators responsible for cases in violent and sudden death. Remember: do it right the first time. You only get one chance. —Vernon J. Geberth, M.S., M.P.S., Homicide and Forensic Consultant, Author of *Practical Homicide Investigation*, and Series Editor of *The Practical Aspects of Criminal and Forensic Investigations*

PRINCIPLES OF BLOODSTAIN PATTERN ANALYSIS

THEORY AND PRACTICE

CRC Press Bloodstain evidence has become a deciding factor in the outcome of many of the world's most notorious criminal cases. As a result, substantiation of this evidence is crucial to those on either side of the courtroom aisle. The challenge is to obtain an authoritative reference that provides the latest information in a comprehensive and effective manner. *Principles of Bloodstain Pattern Analysis: Theory and Practice* presents an in-depth investigation of this important subject matter. A multidisciplinary approach is presented throughout the book that uses scene and laboratory examinations in conjunction with forensic pathology, forensic serology, and chemical enhancement techniques. Emphasis is on a thought process based on taxonomic classification of bloodstains that takes into account their physical characteristics of size, shape, and distribution, and the specific mechanisms that produce them. Individual chapters analyze case studies, with two chapters specifically discussing the details of legal issues as they pertain to bloodstain pattern analysis. Information highlighted throughout the book includes an examination of bloodstained clothing and footwear and information on bloodstain interpretation for crime scene reconstruction. Dramatic color images of bloodletting injuries, bloodstains, and crime scenes are also presented to compliment the technical content of this resource. Features § Provides 500 full color photographs - the first bloodstain pattern book presenting dramatic full color images of bloodletting injuries, bloodstains, and crime scenes § Contains appendices with scientific data that includes trigonometric tables and metric equivalents, as well as crime scene and laboratory check lists, and biohazard safety precautions § Discloses court decisions relating to bloodstain pattern analysis and presumptive blood testing § Written by authors with many years of experience in the field, and features chapters contributed by qualified and respected forensic scientists and attorneys

ANALYZING 911 HOMICIDE CALLS

PRACTICAL ASPECTS AND APPLICATIONS

CRC Press This book provides police investigators and homicide detectives with a practical method of analyzing 911 homicide calls to uncover the truth. A structured analysis of 911 homicide calls can directly aid in developing investigative leads, planning interviews and solving cases. Case examples present proven, reliable methods as to when a caller is telling the truth or not. This book lays out a framework to analyze the call to determine truth from fiction. Every member of the investigative team, from call-taker to first responder, investigator, coroner's investigators, and prosecutor, can contribute to the success of investigations through their knowledge of 911 call analysis.

PRACTICAL METHODS FOR LEGAL INVESTIGATIONS

CONCEPTS AND PROTOCOLS IN CIVIL AND CRIMINAL CASES

CRC Press Legal investigators are responsible for providing factual evidence as the fact finders, they are the foundation for the attorneys they work with daily. The attorney is responsible for forming and implementing the legal strategy and presenting it to the judge or jury. The legal investigator provides checks and balances to ensure that no evidence is

SERIAL VIOLENCE

ANALYSIS OF MODUS OPERANDI AND SIGNATURE CHARACTERISTICS OF KILLERS

CRC Press Linking the murders of an alleged serial killer to successfully present a case in court involves a specific methodology that has been scrutinized by the judicial system but is largely absent in the current literature. *Serial Violence: Analysis of Modus Operandi and Signature Characteristics of Killers* fully explains the process of finding the nexus between one violent crime and another for the purpose of pursuing the same offender at trial. Examines real cases of some of the world's most notorious serial killers Written by renowned experts, this book focuses on analyzing crimes of violence to unveil common characteristics that might prove useful in the identification, apprehension, and conviction of murderers. It begins by detailing the historical origins of modus operandi as an investigative tool. It examines murderous ritualistic behavior in a variety of cases, including William Heirens, Harvey Glatman, Morris Frampton, and Jack the Ripper. Later chapters discuss serial murders accompanied by burglary, torture, picquerism, sexual violence, sexual degradation, and a host of other behaviors. Includes color photographs of actual crime scenes Containing numerous color photos, this volume includes useful information for expert witnesses and portions of transcripts of original testimony. The scintillating detail and rigorous analysis presented in this volume enables those charged with solving these violent crimes to discern the types of modus operandi and ritualistic behaviors that can be linked to the same offender, helping law enforcement bring these dangerous offenders to justice. About the Authors Bob Keppel served on the King County homicide task force that investigated the infamous Ted Bundy and has been an expert witness on scores of serial killer signature profile cases across the United States. Along with coauthor William Birnes, Dr. Keppel worked on a United States Department of Justice grant to evaluate how local police homicide units use computer database technology to track serial killer and sexual offender cases by cross-referencing offender psychological signatures.

FORENSIC PSYCHOLOGISTS CASEBOOK

PSYCHOLOGICAL PROFILING AND CRIMINAL INVESTIGATION

Routledge This book aims to demonstrate how forensic psychology contributes to police investigations, providing practical information about the type of reports provided by psychologists and behavioural advisors, and set within a broader theoretical context. It asks the question 'What do practitioners actually do when they provide advice for the police and the courts and how do they do it?' The contributors to the book are all experts in the field of offender profiling and behavioural investigative advice. The chapters provide valuable insights into particular case details, the ethical and legal consequences of advice, coverage of the relevant theoretical context, explanations for conclusions drawn, practical difficulties in preparing reports, potential pitfalls, and an account of how cases are resolved.

CRIME SCENE INVESTIGATION LABORATORY MANUAL

Academic Press Crime Scene Investigation Laboratory Manual, Second Edition, is written by a former crime scene investigator and forensic scientist who provides practical, straightforward, and immediately applicable best practices. Readers will learn the latest techniques and procedures, including deconstructing first responder contamination, the preliminary walk-through, utilizing associative evidence, enhancing trace, biological and chemical evidence, and reconstructing scenes through wound dynamics, glass fracture patterns, bloodstain patterns, ballistics, and more. This lab manual provides information and examples for all aspects of crime scene investigation. In addition, included exercises teach the proper techniques for securing, documenting and searing a crime scene, how to visualize or enhance the evidence found, how to package and preserve the evidence, and how to reconstruct what happened at the crime scene. This manual is intended to accompany any crime scene investigation textbook. Designed to complement any text used in crime scene investigation courses Contains over 20+ proven exercises and material from actual crime scenes, providing students with hands-on learning Written by an experienced educator and former crime scene investigator/forensic scientist