

**As with the previous editions,** the first purpose of this book is to provide a useful tool for those on law-enforcement's front lines. Thus, *Criminal Investigation* is once again filled with practical "how to" information, case studies, and color photographs that illustrate important points and checklists that can be adapted to the needs of local agencies.

We have scrutinized all aspects of the book, downsizing and deleting some content while elsewhere adding new cutting-edge topics. The computer crime chapter was dropped; an entirely new chapter, "Cybercrime," takes its place. Another new chapter, "Human Trafficking," examines the crimes associated with it in the United States. Many portions of chapters have been substantially or totally rewritten, including the guidelines for conducting photo lineups, live lineups, and field show-ups; crime scene reconstruction; and forensic odontology. These and other changes are more fully identified shortly.

*Criminal Investigation* continues to differ from other texts, and the differences are again reflected throughout this edition. First, criminal investigation generally has been conceived of, and touted as, an art. This approach depreciates the precision required to conduct inquiries; it denies the existence of, and adherence to, rigorous methods; and it associates criminal investigation with unneeded mysticism. Criminal investigation is in large part a science. The fact that criminals are not always apprehended does not make it less so. The rational scientific method is, of necessity, supplemented by initiative and occasional fortuitous circumstances, but it is the application of the method rather than shrewd hunches that most frequently produces results. The most successful investigators are those who know how to apply the rational scientific method; therefore, it is this method that we consistently use in *Criminal Investigation*.

A second major difference between this text and others arises from our belief that writing about techniques takes on more substance if one understands something of the nature of the event being investigated. Thus we have discussed typologies—including offenses, offenders, and victims—in depth, so that our readers not only take away a more comprehensive understanding of criminal investigation than they would from another textbook but also have substantial information to use later as a reference.

Third, because crime-prevention technology has been a significant milestone for both the police and the public, we have inserted short sections on prevention in chapters where appropriate. The complexity of crime prevention dictates that it is a specialization within police departments. Yet at the scene of a crime, the investigator may be in a unique position to make a few helpful, if rudi-

mentary, suggestions to a victim on how to avoid further loss. *Criminal Investigation's* crime-prevention sections give investigators the tools to accomplish this task.

Finally, most investigative books tend to blur the distinction between the roles of uniformed officers and detectives; we draw this line distinctly. Although everyone may not agree with our dichotomizing, the uniformed officer's role must be recognized for the contribution it makes to the ultimate success of an investigation.

## THE ELEVENTH EDITION

Criminal investigation is always evolving owing to scientific, legal, and social developments, as well as to changes in the behavior of criminals. Although many investigative techniques are fundamental and remain basically the same over time, significant changes also occur on a continuing basis. In addition to having updated photographs, tables, figures, and citations, this edition reflects both the ongoing and the changing dimensions of criminal investigation by including the following text updates and revisions:

- **Chapter 1, "The Evolution of Criminal Investigation and Forensic Science,"** a historically oriented chapter, has a revised introduction that provides a definition of the investigator and the investigation, as well as an emphasis on the fundamental purpose of investigation and forensic science and its role in discovering the truth. A new section on jurisdiction has been added that discusses the geographic area and the legal/enforcement responsibility. The section on personal identification now includes a focus on biometrics.
- **Chapter 2, "Legal Aspects of Investigation,"** addresses legal topics that uniformed officers and investigators encounter on a daily basis and that are essential for the successful resolution of every criminal case. The chapter includes updated information on case law, including the scope of search of an automobile (*Arizona v. Gant*), legality of a search based on erroneous information officers received from another jurisdiction (*Herring v. United States*), legality of an arrest and search of a motorist even though state law required only the issuance of a summons (*Virginia v. Moore*), and legality of a search based on exigent circumstances (*Michigan v. Fisher*).
- **Chapter 3, "Investigators, the Investigative Process, and the Crime Scene,"** includes crime scene sketching and forensic mapping. There are revised and expanded

- discussions of infection diseases, digital video and photography, Digital Image Management Systems (DIMS), and Automated Digital Imaging of Crime Scenes using panoramic and laser scanning. A number of new photographs have been added, including those pertaining to crime scene control and coordination, detection using sense of smell, latent fingerprint kits, and the use of a privacy screen to shield bodies. The chapter continues to emphasize its strong crime scene and preliminary investigation focus.
- **Chapter 4, “Physical Evidence,”** has been thoroughly revised and streamlined and includes new material on forensic odontology, questioned documents, and new photographs pertaining to electrostatic dust print lifter (EDPL) and Hexagon OBTI.
  - **Chapter 5, “Interviewing and Interrogation,”** includes new sections on witness intimidation, the use of electronic recordings for interrogation, why people confess, the detection of deception, and recent Supreme Court rulings relating to the rights of defendants to remain silent under the provisions of the Miranda ruling.
  - **Chapter 6, “Field Notes and Reporting,”** has been completely reorganized so that it moves through the process of collecting information, recording notes, understanding and completion of incident reports, supervisory review and alternative dispositions, follow-up investigations, and finally, the preparation of supplementary reports.
  - **Chapter 7, “The Follow-Up Investigation and Investigative Resources,”** has been thoroughly updated and includes revised sections on reinterviewing victims and witnesses and the use of facial recognition software. The section on conducting photo and live lineups has been updated to include new standards as well as forms to be used with each of the three types of lineups. The section on crime scene reconstruction now includes a step-by-step guide to using each of the CSR models as well as examples of each. This chapter also includes a number of new visuals pertaining to geoprofiling maps, the use of trained dogs to detect odors of cadavers, and a link/association diagram.
  - **Chapter 8, “The Crime Lab,”** includes an updated and expanded section on the measures of crime lab effectiveness and includes recent BAS findings and recommendations regarding the nation’s forensic science system. A new section on the Next Generation Identification (NGI) program has been added.
  - **Chapter 9, “Injury and Death Investigations,”** includes a new section on the law regarding criminal homicides and felony assaults, a new “dead body checklist,” and an updated section on serial murders that includes a discussion of the myths and misconceptions about, and the possible causes of, serial murder.
  - **Chapter 10, “Sex-Related Offenses,”** includes new sections on elder sexual abuse and the early recognition and detection of sexual assault of the elderly.
  - **Chapter 11, “Crimes against Children,”** contains expanded coverage of assaults against children, including the signs that indicate abuse, shaken baby syndrome, sex tourism, and Internet crimes against children. New sections cover unexplained child fatalities, traumatic brain injuries, and child pornography.
  - **Chapter 12, “Human Trafficking,”** is new to this edition and discusses U.S. and state laws concerning human trafficking, the National Anti-Trafficking Task Force, forced labor, involuntary servitude, peonage, debt bondage, the delivery and marketing of women, conducting victim interviews, the psychological effects of sex trafficking on the victims, and information on identifying brothels.
  - **Chapter 13, “Robbery,”** includes expanded discussions of taxi cab robberies, various crime prevention strategies, and convenience store robberies. A new section on police robbery prevention recommendations for convenience stores has been added.
  - **Chapter 14, “Burglary,”** The references and data in this chapter have been updated. Portions of this chapter were rewritten for clarity.
  - **Chapter 15, “Larceny/Theft and White-Collar Crime”** includes new sections on mortgage frauds, Internet frauds and scams, and senior citizens as fraud victims. The section on organized retail crime (ORC) includes a new case box on Target that explains their approach to dealing with ORC. The section on how identity theft occurs includes information on FBI scam letters as well as examples of these letters, debit card skimming, and social security number theft. The section on health care fraud has been expanded to include coverage of Medicare fraud. The section on security and investment frauds includes updates on the Bernie Madoff scandal.
  - **Chapter 16, “Vehicle Thefts and Related Offenses,”** All statistics have been updated and show a continued decrease in the number of reported auto thefts in this country but the problem is still of national importance. Cloning of vehicles and obtaining titles using fraudulent paperwork continues to increase. A paragraph on Automated License Plate Recognition Systems has been added to the materials on Major Investigative Resources along with materials on the major involvement of The National Insurance Crime Bureau regarding the theft of heavy equipment.
  - **Chapter 17, “Cybercrime,”** has been completely reorganized and rewritten with the objective of preparing first responders with the information needed to perform until a specialist arrives and what to do if one is not available. The chapter distinguishes between

cyber- and computer crime; chronicles cybercrime tools and services related to thefts and frauds; and covers computer intrusions, malware, blended threats, drive-bys, herders and botnets, viruses and worms, time, logic, and email bombs, denial of services attacks (DoSs), ransomware, dead drops, keyloggers, rootkits, and scareware.

- **Chapter 19, “Arson and Explosives,”** includes a new section called “Know Your Explosives” which includes a detailed description of the characteristics of various types of explosives as well as the ways in which they can be scientifically analyzed and detected. An entirely new module has been added on “Improvised Explosive Devices” in which we discuss the components of IEDs and provide a series of new photographs that illustrate the various types of commonly used IEDs. A detailed discussion and photos of two of the more infamous cases involving IEDs occurring in the United States in the last couple of years have been added.
- **Chapter 20, “Recognition, Control, and Investigation of Drug Abuse,”** includes expanded coverage of “cheese” heroine, codeine, opiate overdoses, crystalized methamphetamine, synthetic marijuana (K2), drug trafficking and violence in Mexico, and new methods for producing meth. There is a new section discussing the paradigm shift in how our nation is addressing the war on drugs.
- **Chapter 21, “Terrorism,”** has received many updates to reflect recent events regarding Al-Qaeda in Iraq, Afghanistan, Yemen, and Somalia, as well as here in the United States. The section on Hizbollah includes updates on the current presidential administration’s efforts to normalize relations with it, as well as its involvement in Mexico, Canada, and the United States. The section on HAMAS has also been updated to reflect recent events and activities, including recruiting and fundraising. There are new sections addressing the threat of the Mexican drug trade, homegrown terrorism, and domestic right-wing terrorism. The section on investigation of terrorist activities now has an expanded discussion of investigative tools and techniques, including reference cards developed by New York state and the use of technology to coordinate and disseminate intelligence.
- **Chapter 22, “The Trial Process and the Investigator as a Witness,”** has an expanded section on evaluating the case to include information the prosecutor needs to evaluate the same case.

## LEARNING AIDS

Working together, the authors and the editors have developed a format for the text that supports the goal of a readable, practical, user-friendly book. In addition to the

changes already mentioned, we have added a host of new photographs, figures, and tables to reinforce and expand the text coverage. A visual presentation of the book’s many lists—which are so critical in a text that teaches professionals and future professionals “how to” investigate crime—makes this material easy to digest. The learning aids in the edition go beyond these visual elements, however:

- **Chapter-opening photographs, outlines, and learning objectives** draw readers in and serve as a road map to the chapter.
- **Chapter-opening overviews** provide readers with a snapshot of the entire chapter and are excellent review tools for readers who are preparing for exams.
- **Detailed captions accompany photographs**, clarifying precisely what readers should be looking for and learning when examining each piece of art.
- **End-of-chapter review sections featuring key-term lists, review questions, and Internet activities** make preparing for exams easier than ever.

As mentioned, we have retained our plentiful, widely acclaimed “cases” within every chapter, ensuring that the eleventh edition is not only the most current, definitive text on criminal investigation but also the most practical and relevant. And with the enhancements we have made to the learning aids, *Criminal Investigation* is, simply put, the most mastery-oriented text available for the course.

## SUPPLEMENTS

As a full-service publisher of quality educational products, McGraw-Hill does much more than just sell textbooks. The company creates and publishes an extensive array of print, video, and digital supplements for students and instructors. This edition of *Criminal Investigation* is accompanied by a comprehensive supplements package.

### FOR THE STUDENT

*Online Learning Center Website:* This unique, book-specific website features interactive cases that not only are fun to explore but also are terrific learning tools. The website also includes self-grading quizzes and other exercises to assist students in mastering the concepts in the book. Visit it at [www.mhhe.com/swanson11e](http://www.mhhe.com/swanson11e).

### FOR THE INSTRUCTOR

- *Instructor’s Manual and Testbank:* Includes detailed chapter outlines, key terms, overviews, lecture notes, transparency masters, and a complete testbank.
- *Computerized Testbank:* This easy-to-use computerized testing program is for both Windows and Macintosh computers.

- *PowerPoint Slides*: Complete chapter-by-chapter slide shows feature text, art, and tables.
- *Online Learning Center Website*: Password-protected access is provided for important instructor support materials and additional resources.
- *Course Management Systems*: Whether you use WebCT, Blackboard, e-College, or another course management system, McGraw-Hill will provide you with a cartridge that enables you either to conduct your course entirely online or to supplement your lectures with online material. And if your school does not yet have one of these course management systems, we can provide you with PageOut, an easy-to-use tool that allows you to create your own course web page and access all material on the Online Learning Center.
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- *Videotapes*: A wide variety of videotapes from the *Films for the Humanities and Social Sciences* series is available to adopters of the text.

All the preceding supplements are provided *free of charge* to students and instructors. Orders of new (versus used) textbooks help us defray the cost of developing such supplements, which is substantial. Please contact your local McGraw-Hill representative for more information on any of the preceding supplements.

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