

Criminal Investigation, 12e

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©2019

ISBN: 0078026571

Detailed List of New Features

Every chapter throughout the book have Quick Fact boxes.

Several chapter Feature numbered boxes

Chapter 9 has Unique box feature: "Thinking Outside the Forensic Entomology Box"

Retained Features

Throughout the book:

- ✓ Chapter Introduction box
- ✓ Chapter Objectives

Throughout the book – end of chapter content

- ✓ Review Questions
- ✓ Internet Activities
- ✓ Key Terms

Chapter by Chapter Changes

Chapter 1 - The Evolution of Criminal Investigation and Forensic Science

New information on Biometrics and Forensic Phenotyping has been added to this chapter.

Chapter 2 - Legal Aspects of Investigation

Updated chapter on new material and verified existing material as current

Added/requested updated photos throughout the chapter

Deleted outdated material on the relationship between the federal government and states, as well as material relating to probable cause

Added new material via box items on "Fundamental Fairness, Due Process and Brady Violations," and "Stop and Frisk in New York City."

Added new Quick Fact Boxes on arrest warrant scams, traffic enforcement and racial profiling, and officer

searches of a vehicle trunk without a warrant

Added new material on stop and identify statutes in the U.S.

Added new Internet Activity focusing on the search and seizure of digital evidence by police officers in the future.

Chapter 3 - Investigators, the Investigative Process, and the Crime Scene

Includes updated information on the disease risks to officers from Hepatitis A, B, C, Ebola Disease Virus, Zika Virus Disease, and Tuberculosis.

Chapter 4 - Physical Evidence

Major revisions throughout this chapter. There is a new section on “geoforensics,” and updated sections on forensic palynology, impression evidence, glass, fingerprints, forensic odontology, hair, and blood.

Chapter 5, Interviewing and Interrogation - includes a new section on the most efficient way to interview people with disabilities. This includes those who are blind or visibly impaired, deaf or hard of hearing, mobility impaired, or have cognitive disabilities.

Chapter 6 - Field Notes and Reporting – many updated sections which includes updated sections on NIBRS Compliant Incident Forms; report generating which includes electronically generated citations or eCitations; as well as a new section on Gender, Race/Ethnicity, and Transgender Persons.

Chapter 7 - The Follow-Up Investigation and Investigative Resources – new section on Field Contacts and Field Interviews; revised section on Bureau of Alcohol, Tobacco, and Firearms; completely updated section on surveillance, updated section on GUIDELINES FOR CONDUCTING SHOW-UPS, PHOTO ARRAYS/LINEUPS, AND LIVE LINEUPS. New discussion on the Innocence Project and completely revised sections on Cold Case Investigation and Intelligence Analysis and Crime Analysis.

Chapter 8, The Crime Laboratory - includes updated and expanded material on new technologies that have revolutionized the crime lab. As such, information on fingerprints and the law, CODIS (including new DNA quantitation, mitochondrial DNA, non-human DNA, sperm detection and separation, and Y-Chromosome analysis) is presented. A new section on Biometrics and Next Generation Identification (NGI) also highlights the chapter as well as added material on problems and scandals within crime laboratories (e.g., dissolution of the FBI’s Hair Analysis and Bite-Mark Analysis section, and reforming state and local crime labs).

Chapter 9, Injury and Death Investigations - includes a new discussion of the differences between spree killings and mass murders. For example, the spree killer is an individual who embarks on a murder rampage and the killings take place over a given period of time. The mass murder typically involves the intentional killing of a group of people at one time and usually occurs in a public place.

Chapter 10, Sex-Related Offenses - includes an updated section on best practices for sexual assault investigation with new material on rape and sexual assault investigation and preliminary victim interviews, minimal fact interviews, victim-centered responses and trauma-informed responses, and follow-up interviews by detectives and/or officers. The chapter also presents new presentations on contemporary issues facing sex-related offense investigations, such as police sexual violence, transgender victims of sexual assault, drug and alcohol-facilitated sexual assault, and date rape (sexual assault) on college and university campuses.

Chapter 11, Crimes Against Children - contains new and updated material on the impact of social media on crimes against children, such as investigative tools using Facebook, Twitter and Snapchat in cases involving cyberbullying, sexting, and sextortion. The chapter also has a new and updated analysis of school shootings that

continue to plague the U.S.

Chapter 12, Human Trafficking - has been extensively modified with many of the previous topics expanded and new ones added. This includes the discussion of sex trafficking of American children and their demographics. We also discuss: The Stockholm syndrome; recruitment; pimp control; the role played by customers (johns); programs for demand reduction, and; the role of the law enforcement Multi-Agency Task Force.

Chapter 13, Robbery - includes a discussion of the dramatic increase in the robberies of smartphones in recent years and how best to investigate them as well as prevent them in the first place. We have also discussed efforts by police to set up “Safe Zones” to prevent robberies which involve sales generated by Craig’s List.

Chapter 14 – Burglary – major revision on this chapter with new content added under the following headings:

Burglary Methods Change Over Time

The Offenses of Burglary and Possession of Burglary Tools

Burglary Motivations, Deterrents, and Perceived Risk of Apprehension

Burglars: Planning, Information, and Gender Differences

Burglar Offending Records

Burglars and Burglaries

Residential and Non-Residential Burglaries

Entries by Unknown Means and Lock Picking

Burglary Symbols

Safe Burglaries

Car, RV, and Trailer Burglaries

Approaching the Scene and Initial Actions

Investigative Considerations at the Scene

Stolen Goods Markets

The Investigator’s Role in Burglary Prevention

Chapter 15, Larceny - included is an expanded discussion of shoplifting and crime prevention tips for employees. We have also added new information which addresses the problem of bicycle theft. This includes a discussion of the typical methods employed by bicycle thieves as well as developing a profile for both the thief and potential victims.

Chapter 16, Vehicle Theft and Related Offenses - includes updated statistical information relating to auto, airplane, motorcycle and “big rig” (18-wheeler) vehicle theft. There are also new informational items on auto component and accessory theft, cybercrime and cars, the use of stolen vehicles by terrorists, odometer fraud, the transport of stolen vehicles to Mexico, and preventing vehicle theft through the use of new technologies.

Chapter 17, Cybercrime - addresses one of fastest growing areas of criminal investigation confronting the police. There is new section on the “The Evolution of Cybercrime: From Teen Hackers and Script Kiddies to Sophisticated Criminal Organizations, International Espionage, and Cyber Terrorism,” that provides detailed discussion of today’s major threats from sophisticated criminal organizations to foreign espionage groups. There are also a number of informational items that focus on sophisticated cybercrime threats and attacks, including discussion on Stuxnet and Flame, and Advanced Persistent Threat 1 (APT-1). The chapters also have a major new section on digital forensics that includes common digital evidence found in traditional crimes as well as securing evidence on mobile devices.

Chapter 18, Agricultural, Wildlife, and Environmental Crimes - includes a discussion of the causes of wildfires

and how investigators can go about determining whether they are accidental, intentional, or natural. We have also added an entirely new section dealing with agrioterrorism, which is defined as the deliberate introduction of animal or plant disease for the purpose of generating fear, causing economic losses, or social instability. We have also added a discussion about the roles of outfitters, guides, and landowners in trophy poaching.

Chapter 19, Arson and Explosives - includes an expanded discussion of the role played by the US Bureau of Alcohol, Tobacco, Firearms, and Explosives (ATF) in the collection, storage, and analysis of explosives. New material also includes the consolidation of the FBI's Automated Incident Reporting System with the ATF's Bomb Arson Tracking System (BATS).

Chapter 20, Recognition, Control and Investigation of Drug Abuse - has new material on the major paradigm shift relating to the legalization and decriminalization of marijuana in the United States. There are also new informational items relating to the impact of the arrest, escape and re-arrest of Joaquin "El Chapo" Guzman in Mexico, celebrity drug use focusing on the deadly effects of the heroin-cocaine mixture known as a "speedball," police use of Naloxone (Narcan), and new drug mixtures such as "el diablito" containing heroin and fentanyl.

Chapter 21, Terrorism - has received a number of updates to reflect the changes in terrorist organizations, structures, and threats confronting the police. As such, there is new material on the Islamic State and the importance of Abu Musab al-Zarqawi in the development of the Islamic State in Iraq and Syria - ISIS). There are also new discussions relating to Sheikh Anwar al-Awlaki and his impact on radical Islam, and the terrorist attacks in San Bernardino (CA) by Syed Rizwan Farook and Tashfeen Malik and the Orlando (FL) attack of the gay Pulse nightclub by Omar Mateen. The chapter also has new informational items on recent attacks in Burkina Faso conducted by al-Qaeda in the Islamic Maghreb-AQIM, and the Malheur National Wildlife Refuge occupation in Central Oregon in 2016. The chapter concludes with new material focusing on the future of terrorism in the United States.

Chapter 22 - The Trial Process and the Investigator as a Witness

Reviewed entire chapter and updated with new photos where appropriate

Updated all relevant statistical data relating to the chapter

Added two new Box items to include: 1) Expert Opinion and the Daubert Standard, and 2) Lying and Officer Credibility as a Witness.

Added three new Quick Facts Items: 1) Scientific Jury Selection; 2) 149 Wrongfully Convicted People were Exonerated in 2015; and 3) Prima Facie Cases and Evidence.

Developed two new Internet Activities for the chapter

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