## Criminal Investigation Second Edition

James N. Gilber

## CRIMINAL INVESTIGATION

Second Edition

JAMES N. GILBERT Radford University

Charles E. Merrill Publishing Company
A Bell & Howell Company
Columbus Toronto London Sydney

for Libby and Jenne Wife and Daughter beyond compare and My Parents

Published by Charles E. Merrill Publishing Co. A Bell & Howell Company Columbus, Ohio 43216

This book was set in Optima Production Coordinator: Megan Rowe Cover Designer: Cathy Watterson Text Designer: Ann Mirels

Copyright © 1986, 1980, by Bell & Howell Company. All rights reserved. No part of this book may be reproduced in any form, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the publisher.

Library of Congress Catalog Card Number: 85–60711 International Standard Book Number: 0–675–20358–9 Printed in the United States of America 4 5 6 7 8 9 10—91 90 89 88 Criminal Investigation aids in developing an analytical understanding of the investigative process. In doing so, this edition again focuses on the theoretical and practical aspects of crime solution.

An overview of the colorful history of criminal investigation is followed by discussions of contemporary concerns in criminal justice. Computer crime, informational privacy, arson, and spouse and child abuse are treated in depth, as are other more traditional topics. This edition contains current information on investigative ethics, psychological profiling, newly emerging organized crime groups, videotaping, and the use of microcomputers. Sections on each major crime have been thoroughly updated in terms of legal definition, current status, offender characteristics, and investigative techniques.

Throughout, the text stresses the importance of completely understanding all aspects of criminal evidence and strictly adhering to constitutional guarantees. The book also explains the essential interrelationship of criminalistics and the investigative process. The workings of the modern crime laboratory are presented in such a fashion that the reader will comprehend the criminalistic potential of evidence. Each chapter includes key terms, objectives, and exercises to guide the student and facilitate comprehension of pertinent concepts.

Criminal Investigation assumes no prior investigative knowledge by students. Criminal justice instructors will find that the detailed discussion allows ample latitude for their personal approaches and experiences.

It is utterly impossible to compile the necessary materials for a textbook of this nature without the assistance of many people. Merely thanking them in print does not convey adequately my appreciation for their invaluable assistance. However, I gratefully thank the following individuals for taking time from busy schedules to provide me with information and materials: Chief O. H. Sylvester, Berkeley, Calif. Police Department; Chief William Dye, Captain John Jones, Lieutenant Thomas Whipple, and Officer Larry Coffey, Champaign, Ill., Police Department; Sergeant Gary Brinkley, University of Illinois Police Department; Andrew Brooks, Jr., Chicago Police Department; Michael Heath, former Coroner, Champaign County, III.; Homer Boynton, Jr. and Paul Zolbe, Federal Bureau of Investigation; John Wiley, U.S. Secret Service; James Barrett, First National Bank of Maryland; Jack Larsen, Audio Intelligence Devices; Barrie McArthur, Diversified Technology, Inc.; Courtney Owens, Identi-Kit Company; Herbert MacDonell, Laboratory of Forensic Science; Martin Reiser, Los Angeles Police Department; Donald Parkinson, Macomb County, Ill., State's Attorney Office; R. Keppel, Metropolitan Police, New Scotland Yard: Detective Lieutenant David Townshend, Michigan State Police; Chief George Maher, Nassau County, N.Y., Police Department; John Hopkins, National Automobile Theft Bureau; Detective Alfred Young, New York City Police Department; William Escudier, Ni-Tec, Inc.; Superintendent Adam Reiss, Ohio State Police; William Gaines and Michael Marlow, Parkland College, Champaign, Ill.; W. C. Linn, Pinkerton's Inc.; Paul Roche, Prefecture of Police, Paris, France; Captain Wesley Allen, Lieutenant Henry Kelley, Criminalist Joseph Orantes, and Detective Gary Yoshonis, San Diego Police Department; Richard Arther, Scientific Lie Detection, Inc.; Captain J. S. Leitch, Seattle Police Department; Donald Penven, Sirchie Fingerprint Laboratories; George Moss, Varda Silent Alarm Company; Director Daniel Dowd and Assistant Director Kenneth Sundberg, Crime Laboratory Bureau—Wisconsin Department of Justice; Director William McDonald, Central Connecticut State University Department of Public Safety; Thomas Deakin, Editor, FBI Law Enforcement Bulletin; Robert Dorion, Forensic Odontologist; James Wallace, Mississippi Bureau of Narcotics; and Glenn Whiteacre, Ocala Police Department.

I thank the following reviewers for their thoughtful recommendations on the first edition: Professors Wallace Judd, Chaffey College; Lawrence Lynch, Onandaga Community College; William Melnicoe, California State University, Sacramento; Alex Pantaleoni, Rio Hondo College; Bob Walsh, University of Houston; and Fred Whitmore, Long Beach City College. In addition, I thank Professors Daniel L. Burgei, Vincennes University; Oswald Gibbons, University of Houston–Downtown; and Donald E. Hartnett, Erie Community College for their constructive suggestions on improving the second edition. I am also grateful to Chris Conty and Megan Rowe at Charles E. Merrill Publishing for their work on the second edition. Finally, special thanks to Jim Whetstone, Coordinator, Criminal Justice Education, Parkland College, for providing my initial opportunity to teach and learn.

#### one Historical Origins of Criminal Investigation

THE EVOLUTION OF THE DETECTIVE 2

DEVELOPMENT OF CRIMINALISTICS 20

LEGAL INFLUENCES ON THE DEVELOPMENT OF CRIMINAL INVESTIGATION 33

## two Introduction of Basic Concepts

CRIME AND THE INVESTIGATOR 38

CRIMINAL INVESTIGATION—THE PARTIAL SOLUTION 40

## three The Investigative Method

STARTING POINTS OF THE CRIMINAL INVESTIGATION 52

PHASES OF THE CRIMINAL INVESTIGATION 59

#### four Note-Taking and Reports

NOTE-TAKING 72

REPORTS 76

A FINAL COMMENT 82

## five The Crime-Scene Focus

INTRODUCTION 84

GENERAL PRINCIPLES 85

CRIME-SCENE EQUIPMENT 100

SUMMARY 101

#### vi

CONTENTS

#### SIX

#### Interviewing

INTRODUCTION 104

VICTIM INTERVIEWS 105

WITNESS INTERVIEWS 109

SUSPECT INTERVIEWS 114

CRIMINALISTIC APPLICATIONS 123

### Sources of Information

INTRODUCTION 134

HUMAN SOURCES OF INFORMATION 134

DOCUMENTARY SOURCES OF INFORMATION 144

PHYSICAL SOURCES OF INFORMATION 152

PRIVACY CONSIDERATIONS 152

SCIENTIFIC APPLICATIONS 160

#### eight Burglary

OVERVIEW 166

CURRENT STATE OF BURGLARY 167

OFFENDER CHARACTERISTICS 169

BURGLARY TYPES 170

METHODS OF OPERATION 171

INVESTIGATIVE PROCEDURES 177

CURRENT FINDINGS 181

STRATEGIES TO COMBAT BURGLARY 183

CRIMINALISTIC APPLICATIONS 189



OVERVIEW 202

CURRENT STATE OF ROBBERY 203

CONTENTS

OFFENDER CHARACTERISTICS 204
ROBBERY TYPES 205
INVESTIGATIVE PROCEDURES 211
STRATEGIES TO COMBAT ROBBERY 214
CRIMINALISTIC APPLICATIONS 217

## ten Homicide and Aggravated Assault

HOMICIDE 232

MURDER 233

AGGRAVATED ASSAULT 246

HOMICIDE INVESTIGATION PROCEDURES 248

CRIMINALISTIC APPLICATIONS 266

## eleven Rape and Sexual Offenses

RAPE 276
INVESTIGATIVE PROCEDURES 280
SEX OFFENSES 286
CRIMINALISTIC APPLICATIONS 292

## twelve

OVERVIEW 300 CURRENT STATE OF LARCENY 301 OFFENDER CHARACTERISTICS MOTOR VEHICLE LARCENY 302 THEFT FROM MOTOR VEHICLES 314 SHOPLIFTING 315 CONFIDENCE SWINDLING BUSINESS FRAUDS 323 WHITE-COLLAR CRIME 324 CREDIT CARD AND CHECK FRAUD CRIMINALISTIC APPLICATIONS 332

#### CONTENTS

#### thirteen.

#### Narcotics and Drug Investigations

OVERVIEW 342

NARCOTICS 343

DANGEROUS DRUGS 354

INVESTIGATIVE PROCEDURES 364

CRIMINALISTIC APPLICATIONS

DESCRIPTIONS OF COMMONLY ENCOUNTERED DRUGS 380

#### fourteen Suspect Identification

INTRODUCTION

386

FINGERPRINTS

386

VOICE IDENTIFICATION

EYEWITNESS IDENTIFICATION

#### - fifteen **Special Investigations**

INTRODUCTION

DOMESTIC ABUSE

415

COMPUTER CRIME 425

ORGANIZED CRIME

433

ARSON

#### sixteen The Investigator in Court

INTRODUCTION 456

NATURE OF CRIMINAL PROCEEDINGS

CONTENTS

## seventeen The Future of Criminal Investigation

INTRODUCTION 466

INVESTIGATIVE CONCEPTS OF THE FUTURE

CRIMINALISTIC CONCEPTS OF THE FUTURE 479

469

Notes 483

Glossary 495

Bibliography 509

Index 513

# HISTORICAL ORIGINS<sup>5</sup> CRIMINAL INVESTIGATION

#### KEY TERMS

- Allan Pinkerton
  Alphonse Bertillon
  - anthropometry
    Bow Street Runners
  - criminalistics
    Eugène Vidocq
    Fourteenth Amend-
  - ment
  - Industrial Revolution

- ✓ Jonathon Wild
- Metropolitan Police Act parliamentary reward
- portrait parlé
  thief-taking
- Thomas Byrnes
- Will West case

## Learning Objectives

to understand the historical evolution of the criminal investigative process;
to appreciate the relationship of European and American origins of criminal investigation and the criminal justice system;
to comprehend the concept of thief-catching;
to be able to account for similarities and differences of early American criminal investigators and their Euro- pean counterparts;
to be familiar with American investigators who were in- strumental to the development of present-day criminal investigation;
to comprehend the development of forensic science;
to be able to list prominent European and American criminalists; and
to understand the importance of legal influences on the development of criminal investigation.

#### The Evolution of the Detective

The vast history of criminal investigation can only be appreciated in the light of our distant past. Acts deemed unacceptable to a group have always been remedied by some means. In early groups, known as **tribes** or **clans**, there existed methods for detecting and resolving undesirable acts. The methods used, although primitive beyond comparison to today's, were based on assigning responsibility to a given individual or family. If a member of a particular family violated the moral code of a tribe, the other family members were held responsible for detection, apprehension, and even execution of the offending member. In these ancient times, it was not unusual for entire communities to be held responsible for criminal acts of individual members. The community was then obliged to detect from within which member had committed the act.

As civilization developed, social and cultural traditions were codified into formal laws. An early example would be the Laws of Hammurabi, developed in Babylon about 2100 B.C.¹ Such codification necessitated means of detecting those who refused to obey the law. The majority of individuals involved in ancient criminal detection were members of the military. The civilizations of Egypt, Rome, and Greece assigned criminal detection responsibilities almost exclusively to military units.

#### European Origins

During the Middle Ages, criminal detection shifted from a government responsibility to its ancient predecessor—group responsibility. A system of mutual protection, known as the Frank-Pledge system, again placed control of fellow human beings on the shoulders of each individual. Communities were subdivided into smaller groups consisting of ten families. The members of each subgroup, known as a tithing, were responsible for detecting and controlling any negative behavior on the part of a group member.<sup>2</sup> It would not be until 1066, when the Duke of Normandy conquered England, that criminal detection and public protection would again shift back to the government. From the reign of the Duke of Normandy to the early 1700s, what we now know as criminal investigation was largely unknown. What existed in its place were efforts aimed mainly at crime prevention. Once a crime was discovered, no matter how serious, further investigation was not pursued effectively.

Law enforcement through the seventeenth century was a conglomeration of government- and merchant-financed patrols. These early patrols, known generally as watches, were literally composed of the dregs of society. Ill paid, and frequently lacking even the barest elements of honest character, those manning the patrols were almost totally ineffective. Not only did the watches fail to deter criminal activity, but in some cases they aided it by their participation. An early English magistrate, Patrick Colquhoun, stated that "those very men who are paid for protecting the public are not only instruments of oppression in many instances, by extorting money most unwarrantably, but are frequently accessories in aiding and abetting or concealing the commission of crimes which it is their duty to detect and suppress." In the late seventeenth century a victim of criminal wrongdoing could purchase the investigative services of a minor court official; however, it was a rare situation when any satisfactory outcome was realized.

With the advent of the eighteenth century, major population shifts began to occur in Europe. England and France (specifically, the cities of London and Paris) experienced an unprecedented rise in criminal activity. The **Industrial Revolution** was at hand and would be in effect until well into the nineteenth century. Rapid social and cultural changes marked the beginning and growth of modern industrialism. With the shifting masses of people from rural areas to metropolitan cities came the inevitable negative consequences. Suddenly, or so it seemed to Londoners, a person could not venture into the streets without the fear of being victimized. Early historical accounts of the period are filled with descriptions of rising crime, with no public or government solutions to the problem.

Criminal elements in London became so powerful that parts of the city were surrendered to them. In his *History of Crime in England,* published in 1876, L. O. Pike stated that "in practice there were criminal

#### HISTORICAL ORIGINS OF CRIMINAL INVESTIGATION

quarters where the officers of justice were set at defiance, and where no man's life was safe unless he had the privilege of being an inhabitant."

The European governments struggled to keep social order in check by resorting to severe and often brutal methods of punishment. Literally hundreds of crimes became capital offenses. The stealing of a deer, counterfeiting bank notes—even the most petty of thefts became punishable by immediate death. In some criminal cases "immediate death" was not quickly forthcoming. Edward Burnworth, an English highwayman, had 424 pounds placed on his chest for over an hour before he finally confessed and was executed.

The government of England, in an attempt to stop the flood-tide of crime, placed into effect a system for refunding expenses of prosecutors and witnesses, known as the **Parliamentary Reward System.** This concept attached financial rewards to various felony crimes. Upon the conviction of a felony suspect, the reward (normally 40 English pounds) was paid to those officials who were responsible for the apprehension and prosecution of the offender. In addition, those involved in the detection and arrest were rewarded the guilty party's horse, furniture, arms, money, and even personal clothing. This system proved to be a dismal failure. Police officials were accused of arresting only felony criminals, in expectation of the parliamentary reward. The system was finally abolished in 1818.

**Thief-Catching.** As a direct result of London's crime problems came the rather disappointing origin of modern criminal investigation. A concept known in Europe as thief-catching, or thief-taking, became widely accepted in the early 1700s. A master criminal, one **Jonathan Wild** (Figure 1.1), became London's most effective criminal investigator in the 1720s. Wild's actions made popular the logic of employing one who was a thief to catch a thief. It was utterly inconceivable to early law enforcement officials that anyone but a criminal could successfully detect crime.

Jonathan Wild was a young buckle maker in rural England when he moved to London. Before long he became well known to London's criminal element as a brothel operator. Wild conceived the novel idea of charging a fee for locating and returning stolen property to its rightful owners. His private business prospered quickly and soon expanded into apprehending criminals wanted by the government. When Wild became displeased with a member of his organization (he employed numerous criminals as assistants), he would arrest his former associate and surrender the subject to local magistrates for a reward. Such methods made Wild unpopular with the criminal element and the officials. Accordingly, he was the subject of many threats and physical attacks. On one occasion, while testifying against a former friend in

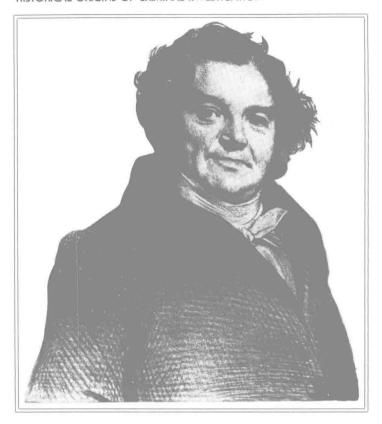


**FIGURE 1.1.** Early print of Jonathan Wild, English thief-catcher. SOURCE: New York Public Library.

court, the suspect leaped at Wild in an unsuccessful attempt to cut Wild's throat.

Jonathan Wild's business operations were questionable, to say the very least. His normal method of operation, upon learning of a theft, was to persuade the thieves to give him the stolen goods in return for a portion of the money paid by the victim for the return of the property. He, like other thief-catchers to follow, was found guilty of stealing the very items returned to grateful owners. In addition, he was charged with helping a friend escape from infamous Newgate prison. Wild's career came to an abrupt end when he was executed on May 24, 1725. Despite his success at criminal detection (he was responsible for the arrest and execution of over 120 felons), the London public disliked Wild. As he was being taken to his execution site, hundreds of people jeered, showering him with stones and dirt. However, after his death, Wild became something of a folk hero. His body was disinterred and the skull and skeleton exhibited publicly as late as 1860.

#### HISTORICAL ORIGINS OF CRIMINAL INVESTIGATION



**FIGURE 1.2.** Eugène Vidocq, criminal turned Paris investigator. SOURCE: New York Public Library.

Another notorious thief-catcher and former convict was **Eugène Vidoca** (Figure 1.2). Vidoca based his operations in Paris and was active some eighty years after the death of Jonathan Wild. He was equally as successful and unscrupulous as his predecessor, but Vidocg's investigative operations had one major advantage. He and those criminals under his direction operated with the complete sanction of the police. At the end of a lengthy criminal career in 1809, Vidocq offered his services as an informer to the Paris police authorities. Several years later he was arrested for counterfeiting, and again offered to inform in turn for a light prison term. The prefecture (chief of police) agreed, assigning Vidocq to inform on fellow prison inmates. For a short time Vidocg performed this function very well. In return for his services he was permitted to escape from a wagon while being transferred from one prison to another. For many years, while posing as an active criminal, Vidocq supplied the Paris police with information. As a result of his capability to detect crime, Eugène Vidocq surfaced as a secret informer in 1817 and, under police authorization, formed the first Paris police detective bureau. It initially

consisted of 4 detectives, increasing in intervals to 28. Vidocq and his fellow thief-catchers proved remarkably successful. Between January and December, 1817, with only 12 members, the squad effected 772 arrests. Those arrested included 15 murderers, 108 burglars, 5 armed robbers, and more than 250 thieves of various descriptions. Due to his unprecedented success in criminal investigation, police officials grew envious of Vidocq's ability. In response to police charges that his men were picking pockets, Vidocq ordered that his detectives wear gloves at all times, stating that a pocket can be picked only by a bare hand. Vidocq's name soon became famous throughout Europe. Changing disguises as often as ten times a day, he continued to infiltrate criminal groups. Purposely clean shaven, he would suddenly assume a full beard, changing to a moustache as he felt necessary.

After ten years of active detective work, Vidocq resigned his post—much to the relief of the Paris police. He now had sufficient capital to begin his own private investigative business. Instantly successful, Vidocq was besieged by thousands of crime victims seeking the return of stolen property. In addition to pursuing criminals and recovering stolen goods, Vidocq formed what he termed a "trade protection society." For a fee, any shopkeeper or business establishment could obtain particulars concerning the financial solvency of new customers. At one time over 8000 shopkeepers subscribed to this service, which was the forerunner of our present-day credit check.

The Paris police officials continued to view Vidocq's operations with increasing envy and suspicion. As a result, Vidocq was arrested more than 200 times for such charges as "abuse of confidence." He was never convicted, but the legal expense of these repeated arrests and the widely circulated rumors of dishonesty brought about Vidocq's impoverishment. For many years prior to his death in 1857, he was reduced to appearing before audiences dressed as a convict. Frequently changing costumes, he would lecture on his past adventures as a thief-catcher. His memoirs, published in Paris in 1829, did much to popularize the methods of criminal investigation in use at that time. Despite his tarnished criminal past, Vidocq is credited with founding la Sûreté, France's national detective organization.

The methods of the thief-catchers were indeed crude when contrasted with modern means. But one must consider the context in which thief-taking thrived. Victims of criminal offenses had little recourse but to employ the likes of Wild and Vidocq. At the time there existed no public agency or police institution that utilized dependable methods of criminal investigation. The prevailing law enforcement method of operation was based on the prevention of crime by police presence. When this failed, and a crime was discovered, the official investigative effort began—and ended—with the report or discovery of the criminal act. Police authorities in the eighteenth century were very reluctant to work in any