

Contents

1 Forensic Laboratory Accreditation	1
Anja Einseln, BA, MEM	
2 Forensic Biology: Serology and DNA	15
Lisa Gefrides, MS, FABC and Katie Welch, MS, FABC	
3 Forensic Chemistry/Controlled Substances	51
Donnell Christian, BS	
4 Crime Reconstruction and Evidence Dynamics	105
W. Jerry Chisum, BS	
5 Explosives and Arson	123
James B. Crippin, BS	
6 Fingerprints	145
Carmine J. Artone	
7 Legal Issues Concerning Expert Evidence and Testimony	181
Carol Henderson, JD and Kurt W. Lenz, JD	
8 Digital Evidence	213
Mark Pollitt, MS and Robert Bianchi, BS	
9 Firearms and Toolmarks	227
Edward E. Hueske, MA	
10 Forensic Odontology: Teeth and Their Secrets	265
Helena Soomer Lincoln, DDS, PhD	
11 Forensic Pathology and the Investigation of Death	283
Elizabeth A. Laposata, MD, FCAP, FASCP	

12	Quality in the Forensic Science Laboratory	335
	William J. Tilstone, PhD	
13	Forensic Document Examination	369
	William L. Leaver, BS, D-ABFDE	
14	Toxicology in the Forensic Lab	385
	Ashraf Mozayani, PharmD, PhD, D-ABFT	
15	Trace Evidence	403
	William M. Davis, PhD	
16	LIMS: Laboratory Information Management Systems	417
	Simon Key	
17	Forensic Entomology	447
	M. Lee Goff, PhD	
18	Forensic Facility Plan and Design Guidelines	479
	Kenneth C. Mohr, Jr., BS and Louis Hartman, PE, LEED, AP	
19	Introduction to Forensic Anthropology	509
	Jennifer C. Love, PhD, D-ABFA and Michelle D. Hamilton, PhD	
20	Introduction to Forensic Engineering and Accident Reconstruction.....	539
	Scott D. Batterman, PhD, PE and Steven C. Batterman, PhD	
21	Wildlife Forensic Science.....	563
	Ken Goddard, MS	
	Appendix	581
	Index.....	585

The Forensic Laboratory Handbook Procedures and
Practice

Mozayani, A.; Noziglia, C. (Eds.)

2011, XII, 600 p., Hardcover

ISBN: 978-1-60761-871-3

A product of Humana Press