Summary of Contents

Volume 1
Chapter 1. Admissibility of Scientific Evidence
Chapter 2. Ethical Standards of and Concerning Expert Witnesses
Chapter 3. Trial Factfinders and Expert Evidence
Chapter 4. Scientific Method: The Logic of Drawing Inferences From Empirical Evidence
Chapter 5. Statistical Proof
   Appendix 5A. Probability and Statistical Inference
   Appendix 5B. Glossary of Terms
Chapter 6. Multiple Regression
   Appendix 6A. The Basics of Multiple Regression
Chapter 7. Survey Research
   Appendix 7A. Glossary of Terms

Table of Laws and Rules
Table of Cases
Index

Volume 2
Chapter 8. Insanity, Diminished Capacity and Incompetency in Criminal Cases
Chapter 9. Clinical and Actuarial Predictions of Violence
Chapter 10. Sexual Aggressors
Chapter 11. Projective Techniques
Chapter 12. The Battered Woman Syndrome and Other Psychological Effects of Domestic Violence Against Women
Chapter 13. The Battered Child Syndrome and Other Psychological Effects of Sexual and Physical Abuse of Children
Chapter 14. Rape Trauma Syndrome
Chapter 15. Eyewitness Identifications
Chapter 16. Children’s Memory and Testimony
Chapter 17. Gender Stereotyping
Chapter 18. Hypnosis
Chapter 19. Repressed Memories
  Appendix A. Citations for 77 Representative Studies of Psychological Symptoms in Trauma Victims, 1960–1999
  Appendix B. Studies of Psychological Symptoms in Trauma Survivors
Chapter 20. Neuroimaging

Table of Laws and Rules
Table of Cases
Index

Volume 3

Chapter 21. Clinical Medicine
  Appendix 21A. Glossary
Chapter 22. Toxicology
  APPENDIX 22A
Chapter 23. Epidemiology
  Appendix 23A. Glossary of Terms
Chapter 24. Electromagnetic Fields
  Appendix 24A. Glossary of Terms
Chapter 25. Tobacco
Chapter 26. Asbestos
Chapter 27. Diet Drugs
Chapter 28. Benzene

Table of Laws and Rules
Table of Cases
Index

Volume 4

Chapter 29. The General Assumptions and Rationale of
xviii
SUMMARY OF CONTENTS

Forensic Identification
Appendix 29A. Recommendations of the Committee on Identifying the Needs of the Forensic Science Community of the National Research Council
Appendix 29B. Glossary of Terms

Chapter 30. DNA Typing
Appendix 30A. Glossary

Chapter 31. Parentage Testing

Chapter 32. Fingerprint Identification
Appendix 32A. Glossary

Chapter 33. Handwriting Identification
Appendix to Part I. Compilation of Handwriting Identification Reliability Cases from Daubert to Kumho Tire and Beyond

Chapter 34. Firearms and Toolmark Identification
Appendix 34A. Glossary of Terms
Appendix 34B. Questions Designed to Test a Witness’s Ability to Identify Striated Toolmarks
Appendix 34C. National Research Council Comments

Chapter 35. Identification from Bitemarks
Appendix 35A. ABFO Bitemark Methodology Guidelines
Appendix 35B. Evidence Collection of Suspected Dentition
Appendix 35C. Methods of Comparing Exemplars to Bitemarks
Appendix 35D. ABFO Scoring Sheet for Bite Mark Analysis
Appendix 35E. National Research Council Comments
Appendix 35F. Amici Curiae Brief Submitted in In re Richards, 371 P. 3d 195 (2016)

Table of Laws and Rules
Table of Cases
Index

Volume 5

Chapter 36. Talker Identification
Appendix 36A. Glossary

Chapter 37. Fires, Arsons, and Explosions