

SEQUENTIAL PROCESSING WORKSHOP FINGERPRINT DETECTION AND DEVELOPMENT

- ◆ Five day workshop with realistic practical exercises
- ◆ Understand & fulfill the initial role of the identification professional in forensic signal recognition
- ◆ Recognize & apply the series of critical steps in the process of detecting, recording & optimizing physical evidence from crime scene to court room
- ◆ Receive, document & maintain the integrity of physical evidence while retaining it in possession for fingerprint examination
- ◆ Remain vigilant for, seize & protect other evidence that falls outside the fingerprint discipline
- ◆ Diagnose & triage the nature & composition of atypical and compound exhibits
- ◆ Know the nature, application, target & mechanism of proven fingerprint detection methods currently in use
- ◆ Select the sequence of processes that will afford the maximum extraction of evidence of all kinds, on exhibits encountered during the investigation of a crime
- ◆ Apply these processes skillfully and in the correct order, to achieve maximum evidence extraction
- ◆ Photograph impression evidence, creating images of the highest quality and resolution
- ◆ Apply post-photography processing in Photoshop and other software to optimize image value for ACE-V and AFIS purposes
- ◆ Deliver knowledgeable and effective testimony in court as to the continuity of evidence
- ◆ Describe the mechanisms and limitations of detection methods in common use
- ◆ Explain the decisions that led to the processing strategy employed
- ◆ Create an effective business case for recommendation of new chemistry or technology, to inform the police agency of changes to current changes in identification science

MAY 11-15, 2020

INSTRUCTOR •

Brian Dalrymple

Brian was the co-developer of the laser technique in 1977 & introduced the first laser in a police lab. Lasers & their extended light sources now form a mainstream global strategy for evidence detection. During his career with the Ontario Provincial Police, he conducted more than 100 body examinations. He is the recipient of three Commissioner's Commendations awarded in support of homicide investigations. He also introduced the first police computer image enhancement system in Canada in 1991 and was the first in Canada to tender evidence on these procedures in a criminal trial. He is an independent forensic consultant, a contract instructor for Ron Smith & Associates and an adjunct professor with Laurentian University.

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