



D36 Interdisciplinary Forensic and Investigative Efforts Paramount for Resolving Violent Crime

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After attending this presentation, attendees will understand the importance of methodical crime scene processing, the necessity of employing a multi-disciplinary scientific approach when conducting violent crime investigation, the tenacity required in violent crimes investigation once the “shock” of the initial report has subsided, and the enduring and critical role of “old-fashioned” detective work when investigating violent crime, particularly serial crime.

This presentation will impact the forensic community by demonstrating that significant advances in technology still rest upon time-honored crime scene processing and investigative techniques. New technology, bolstered by the effective use of the wide spectrum of scientific disciplines within the forensic community, and coupled with major case management, are all critical components to effectively resolve violent crime, particularly serial crime.

With the advent of DNA and other technologies, the days of being unable to link crimes committed in varied jurisdictions to a “travelling” serial criminal are quickly coming to an end. Despite the developments in technology, which allow near real-time access to the report, and investigation, of crimes literally around the world, the efficacy of all efforts is still directly tied to the initial police response, the initial crime scene processing, and the effective cooperation of investigating agencies

across jurisdictions. Research of and incorporation of the psychological or crime scene assessment of violent crimes rests upon those similarities noted at varied crime scenes. Recognizing and documenting relevant facts remains largely dependent upon the experience of the responding investigative personnel, the tenacity of the investigator assigned to pursue the information, and the willingness of law enforcement to share information, pool resources, and cooperate to resolve serial crimes.

A case study will be presented which illustrates how the initial methodical approach to processing a crime scene, leveraging of the multi-disciplinary approach in the subsequent advanced and continued processing of the crime scene, the management of a task force, and the incorporation the forensic pathology and laboratory findings, combined with the efforts of traditional stalwart investigative methods, resulted in identification of a violent serial offender

Crime Scene, Serial Crimes, Investigation