

Chapter 1 : Forensic Victimology: SEX CRIMES ACADEMY

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Overview[edit] In the early s personal computers became more accessible to consumers, leading to their increased use in criminal activity for example, to help commit fraud. At the same time, several new "computer crimes" were recognized such as cracking. The discipline of computer forensics emerged during this time as a method to recover and investigate digital evidence for use in court. The discipline also features in civil proceedings as a form of information gathering for example, Electronic discovery Forensic techniques and expert knowledge are used to explain the current state of a digital artifact, such as a computer system, storage medium e. In a book, Computer Forensics, authors Kruse and Heiser define computer forensics as involving "the preservation, identification, extraction, documentation and interpretation of computer data". However, while several methods can be used to extract evidence from a given computer the strategies used by law enforcement are fairly rigid and lack the flexibility found in the civilian world. This requires that information be authentic, reliably obtained, and admissible. In the United Kingdom , examiners often follow Association of Chief Police Officers guidelines that help ensure the authenticity and integrity of evidence. While voluntary, the guidelines are widely accepted in British courts. Computer forensics has been used as evidence in criminal law since the mids, some notable examples include: Dennis Rader was convicted of a string of serial killings that occurred over a period of sixteen years. Towards the end of this period, Rader sent letters to the police on a floppy disk. Prosecutors used this to show premeditation and secure the death penalty. Hard drives were analyzed by a computer forensics expert who could not find relevant emails the Defendants should have had. Though the expert found no evidence of deletion on the hard drives, evidence came out that the defendants were found to have intentionally destroyed emails, and misled and failed to disclose material facts to the plaintiffs and the court. Conrad Murray, the doctor of the deceased Michael Jackson , was convicted partially by digital evidence on his computer. This evidence included medical documentation showing lethal amounts of propofol. Digital forensic process A portable Tableau write blocker attached to a Hard Drive Computer forensic investigations usually follow the standard digital forensic process or phases which are acquisition, examination, analysis and reporting. Investigations are performed on static data i. This is a change from early forensic practices where a lack of specialist tools led to investigators commonly working on live data. Techniques[edit] A number of techniques are used during computer forensics investigations and much has been written on the many techniques used by law enforcement in particular. Cross-drive analysis A forensic technique that correlates information found on multiple hard drives. The process, still being researched, can be used to identify social networks and to perform anomaly detection. The practice is useful when dealing with Encrypting File Systems , for example, where the encryption keys may be collected and, in some instances, the logical hard drive volume may be imaged known as a live acquisition before the computer is shut down. Deleted files A common technique used in computer forensics is the recovery of deleted files. Modern forensic software have their own tools for recovering or carving out deleted data. File carving involves searching for known file headers within the disk image and reconstructing deleted materials.

Chapter 2 : About Us - Paul J. Ciolino & Associates, Inc.

civil investigation, civil law suit, civil litigation, crime scene investigation, CSI, forensic exam, paul j ciolino, grace elting castle, ,

Rape Investigation, 2nd Ed. Turvey , PhD and Det. Savino Each and every one of us will travel a different path to becoming an investigator. It was a case that shock and enraged all of New York City. Needless to say the pressure was on to solve this new sexual assault. Obviously, this was not the end of that story, but more about that shortly. Around the same time, I made the decision to visit the police crime laboratory. As reported in Saulny In one final, extraordinary ruling that took about five minutes, Justice Charles J. Police Commissioner Raymond W. Kelly challenged the credibility of Mr. Have a very merry Christmas and a happy New Year. They were all teenagers at the time of the attack on April 19, I am not sure where technology will take us in the future. We may even have portable DNA testing machines in the future. The investigator cannot rely on technology or pre-written check lists to solve a case. This kind of political concern protects careers but keeps the real bad guys on the street. As reported in Newman The woman was returning to her apartment on Hamilton Terrace near West st Street on April 13 at 9: Over the next 19 hours, Mr. At one point last Saturday afternoon, Mr. He wanted nothing left to chance. The victim regained consciousness before the apartment was completely engulfed. Technology played an important role in this investigation. Eventually we were ordered to go home and get some sleep, but we did not leave. One tip stood out, and it eventually led us to Robert A. Williams leaving the building, questioned him and found his story wanting, Mr. He was arrested without incident, Mr. At the rd Precinct station house, Mr. Kelly said, officers checked Mr. Williams, who is homeless, has a lengthy police record dating to his childhood, the authorities said. When the victim positively identified Robert A. Rape Investigation Handbook, 2nd Ed. This takes time, sincerity, and continued follow-up. These are among the main goals of the sex crimes detective: This is justice, and it helps to heal both victims and communities. John Savino far left , Det. These techniques can be used successfully during any investigation: Without him this text would not be possible. And they must, in order to meet the new challenges that they face every day. It is my hope that the readers of this text are attempting to become better investigators. This is to have succeeded.

Chapter 3 : Forensic Victimology: 07/01/ - 08/01/

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Chapter 4 : Forensic Investigations - Advanced Florida Security

She was the editor and co-author of Advanced Forensic Civil Investigations and Advanced Forensic Criminal Defense Investigations. Paul J. Ciolino, CFE, BCFE, CII, who is a lifelong resident of the Chicago area, owns Paul J. Ciolino and Associates, LLC, and Dearborn Process Service, Inc.

Chapter 5 : Forensic Science and Engineering - HOME

Advanced Forensic Civil Investigations Paul J. Ciolino, CLI, CFE (Compiler) and Grace Elting Castle, CLI (Editor) Lawyers and Judges Publishing Company ISBN: This page book covers the basics for .

Chapter 6 : Computer forensics - Wikipedia

Forensic investigations use scientific methods to solve a crime. It involves the gathering and analyzing of crime related physical evidence in order to come to a conclusion as to the guilt or innocence of a suspect.

Chapter 7 : forensic-nursing - Graduate School of Nursing | Xavier University

The Advanced Forensic Techniques In Crime Scene Investigations II (AFTCSI-II) is designed for qualified law enforcement officers, criminal investigators, crime scene technicians, and civilians who have a foundational knowledge and experience with crime scene processing and investigation.

Chapter 8 : Graduate Forensic Accounting Certificate Online | SNHU

Our forensic examiners have testified in numerous criminal and civil proceedings, in jurisdictions around the world. They bring decades of combined experience in law enforcement, information security, data forensics and investigations to every engagement.

Chapter 9 : Grace Elting Castle (Author of Advanced Forensic Criminal Defense Investigations)

The Forensic Investigation Advanced Certificate Program was initiated at BCIT in The objective of this program is to enhance the theoretical knowledge base and investigative capabilities of the people who work alongside specialized professionals in the diverse fields involved in solving a crime.