



"the New CSI - Forensic Science Today"

The Justice Institute, New Westminster, BC

Saturday, April 16th, 2011

9:00am to 4:30pm

CSI: Crime Scene Investigation is an American crime/drama television series that trails the investigations of a team of Las Vegas forensic scientists as they unveil the circumstances behind mysterious and unusual deaths and other crimes.

So popular is this made-for-TV series that its impact has morphed from purely fictional entertainment to real life crime & punishment. Now you have an opportunity to learn about and witness **"the New CSI – Forensic Science Today"** - a one-day conference sponsored by the BC Society of Laboratory Science [BCSLS].

The "CSI Effect" created by television shows is raising crime victims' and jury members' real world expectations of forensic science, especially crime scene investigations and DNA testing. Prosecutors are now pressured to deliver more and more forensic evidence in court.

Forensic Science today, however, goes well beyond just Crime Scene Investigation. It includes presenting legal counsel and investigative bodies with evidence arising in personal injury or death from: violence by others; vehicle and aircraft crashes; work, equipment, sports and recreation accidents; the effect of the environment including climate (e.g., hypothermia) and toxic substances to name just a few. It even relates to the animal world.

Don't miss this one-of-a-kind opportunity to hear from the world's best forensic scientists and learn about the most current casework being undertaken in the new world of crime scene investigation and sudden death, right here in your own back yard. Previous forensic events sponsored by the BCSLS have sold out. Complete your registration early on-line at www.bcls.net.

**BCSLS Members - \$99 Early Bird Rate,
[plus HST] including lunch.**

Learn from World Renowned Forensic Experts:

Sheila Early, Forensic Nursing Specialist

Sheila Early is currently a Forensic Nursing Consultant in British Columbia and a Program Coordinator at the BCIT Centre for Forensic and Security Technology Studies. She has been teaching sexual assault nurse examiner courses throughout Canada since 1996 and has been a Sexual Assault Nurse Examiner herself for 17 years. She has testified in both Supreme and Provincial Courts in BC as an expert witness.

The field of forensic science in health care has been referred to as the "fastest growing discipline of nursing for the 21st century". The forensic-trained health care professional is pivotal to police investigations where there has been injury or trauma. The judicial system relies heavily on the medical legal reports and testimony from health care professions when charges are brought to court.

Dr. John Butt, Forensic Pathologist

Forensic pathology essentially uses the autopsy to develop an understanding of both mechanism(s) and medical cause(s) in sudden death. Dr. John Butt has devoted over 40 years to the practice of pathology particularly forensic pathology & has extensive experience in all forms of sudden death investigation.

This presentation will highlight many issues that befell numerous investigators when Swiss Air flight 111, en route to Geneva Switzerland, crashed into the Atlantic near Halifax in September 1998; all aboard were killed when the aircraft lost its 'avionics' (electronic controls) during an electrical fire. Dr. Butt directed the mortuary operations for several months which lead to successful formal identification of all 229 persons aboard by December that same year. The audience will hear many details of a recovery operation that went on for over a year and will see vignettes that made the SA 111 crash more than the largest civil aviation crash in Canadian history.

Dr. Dongya Yang, Molecular Archaeologist, SFU

Dr. Dongya Yang is a molecular archaeologist whose research focuses on DNA analysis of ancient human, animal and plant remains. He has developed superior techniques for extracting and analyzing ancient DNA and has successfully applied them to a variety of archaeological investigations. Currently he is analyzing Amelia Earhart's DNA from letters she wrote in the 1930's. [Vancouver Sun, Feb.22, 2011]

Dr. Yang has also been called on in recent years to assist forensic investigators. He has worked on the challenges of identifying human remains and determining how and when individuals died and what crimes were committed. He is part of the expert team at the SFU Centre for Forensic Research and his presentation will tie the past with the present.

Ernie Cooper, Director, TRAFFIC & Wildlife Trade, WWF Canada

Ernie leads the Vancouver-based wildlife trade team for WWF-Canada and is the National Representative of the TRAFFIC Network — the wildlife trade monitoring program of WWF.

Ernie is an Associate of the SFU Centre for Forensic Research, and an Adjunct Professor to the SFU School of Criminology. He is a member of the Society for Wildlife Forensic Science and a founding member of the Pacific Association for Wildlife Forensic Science.

His presentation is "Wildlife CSI: the role of wildlife forensic science in combating illegal and unsustainable international trade in wildlife. It is a discussion of the scope and impact of international wildlife trade, and how wildlife forensics supports enforcement efforts to address the problem.

For more information on registration and fees,
please visit www.bcls.net