



## **2005 DVD Table of Contents**

### **Disc 1**

#### **Borescope Technology for Forensic Scientists**

Dr. Douglas Kindred

#### **Further Results of the Forensic Technology Large Database Study and Other Correlation Tests Using the IBIS Technology**

Michael McLean

#### **The Influence of the Rifling/Crown Intersection on Striae Production**

Deborah Chaklos

#### **Silencer Testing and Protocol**

Eric Freemesser

#### **How 'Unique' are Impressed Toolmarks? An Empirical Study of 20 Worn Hammer Faces**

Eric Collins

### **Disc 2**

#### **Comparing Bullets Fired from Consecutively Manufactured Barrels Using a Comparison Microscope, IBIS, and BulletTRAX 3D**

Dr. Danny Roberge

John O'Neil

Evan Thompson

#### **A Curious Case**

Dr. Jan DeCeuster

#### **Fabrication, Measurement, and Acquisitions of Standard Bullets**

Dr. Theodore Vorburger

#### **Tales from the Bench: The Rookie Year**

Charles Clow

#### **New Ammunition from Pakistan**

Axel Manthei

**Homemade Firearms from Southern Ontario**

Shane Staniek

**Comparison of 100 Consecutively Fired Bullets and Cartridge Cases from a Hi-Point C9 Pistol**

Tsuneo Uchiyama

**Toolmarks on Unfired Ammunition and It's Effects on Identification**

Gerard Petillo

**Disc 3**

**Training Challenges Facing Law Enforcement in Modern Laboratories**

James Gannalo

**Validation of Toolmark Individuality Using 3D Images of Toolmarks**

Dr. Benjamin Bachrach

**Plastic Cased Ammunition and 223 AK Type Rifles**

Erica Lawton-McWhite

**Reconstruction of the Barroso Homicide & High Speed Video of Shotgun Pellet Ricochet**

James Roberts

**Disc 4**

**Non-Destructive Techniques for the Visualization of Gunshot Residue**

Brandon Giroux

**Toolmarks Seventy Years On - Have we Improved?**

Kevan Walsh

**California SB 357 - It's Impact on Law Enforcement**

Alan Serven

**Overview of the Mayhew Tool Company**

Bill Fletcher

**A Smokeless Powder Reference Material Supporting Organic Gunshot Residue and Explosives Analysis**

Dr. William MacCrehan

**The Cotton Tube Recovery System**

Nancy McCombs

## **Disc 5**

### **The NFSTC Firearms CD-ROM Initiative**

Dr. Katie Savage  
David Epstein

### **MoF - Markings on Firearms - A Web-Based Application**

Joachim Rahm

### **Forensic Individualization of Images**

John Vanderkolk

### **Behavioral and Electrophysiological Evidence for Configural Processing in Fingerprint Experts**

Dr. Thomas Busey

### **Footwear Daubert Hearing and Appeal**

John Vanderkolk

### **Research Into the Matching of Lead Cores to Bullet Jackets - Part II**

Richard Ernest

## **Disc 6**

### **The Case of the Talking Cartridge Case**

Luke Haag

### **SWGUN Update**

Thomas "T.L." Price

### **Is This What the Docu Meant?**

Dom Denio

### **Deactivation/Reactivation of Firearms**

Andre Desmarais

### **National Clearinghouse for Science, Technology, and the Law**

Greg Hill

### **Walk In Wednesdays**

Doreen Hudson

### **Time Dependent Effects of Dried Human Blood on Fired Bullets for Microscopic Identification**

Garry Lawrence

## **Disc 7**

### **Barrel Casting: An Evaluation of Forensic Sil**

Chris Coleman

**Consecutively Made Bolt Cutters**

Evan Thompson

**Effect of Primer Sealants on Characteristic Breechface Marks**

Carol Hayes

**Forensic Test Sessions at the Yuma Proving Ground & Windshield Glass Crack Propagation Resulting from Additional Bullet Passage**

James Roberts