



**UNIVERSITY OF ALBERTA**  
**FACULTY OF MEDICINE & DENTISTRY**  
 School of Dentistry

**UNLV** | School of  
**DENTAL  
 MEDICINE**



# FORENSIC ODONTOLOGY 101

## WHEN

**NOVEMBER 11, 2016**

Time: 8:00AM - 12:00PM  
 Registration Starts @ 7:45AM

## COST

**\$ 225** USD

4 CE CREDITS

## WHERE

**UNIVERSITY OF NEVADA LAS VEGAS**

1700 W. Charleston Blvd.  
 Las Vegas, NV 89106

**Lecture Room:** TBA

This activity has been planned and implemented in accordance with the ADA Continuing Education Recognition Program (ADA CERP) through joint efforts between UNLV School of Dental Medicine and University of Alberta School of Dentistry.

The purpose of this four hour dental continuing education lecture course is to provide the participant with foundational knowledge regarding the various roles and responsibilities required of the forensic dentist in performing individual dental identification, age estimation, and multiple fatality incident (MFI) dental victim identification (DVI). Additionally, the recognition, documentation, and reporting of all forms of human abuse will be stressed.

## OUTCOMES AND OBJECTIVES FOR THIS COURSE

By the conclusion of this four hour dental continuing education lecture presentation the participant will be able to:

- Define forensic dentistry (odontology).
- Relate the general functions of the forensic odontologist.
- Appreciate the importance of becoming involved in organized forensic dentistry and know the organizations which are currently available for membership by dental hygienists.
- Build a foundational knowledge of the legal and humanitarian requirements for positive identification of decedents in criminal and civil cases.
- Know the advantages and disadvantages of the non-scientific methods and biometric methods of postmortem identification.
- Describe the artefactual changes that are associated with teeth that have been subjected to extreme temperatures associated with burning or cremation.
- Appreciate the importance of comparing adjunctive antemortem and postmortem information obtained from dental and non-dental craniofacial hard and soft tissues when attempting to affect identification.
- Describe the procedures and instrumentation used in the collection of postmortem dental data.
- Describe the methods employed to develop a presumptive identification for an unidentified decedent.
- Describe the techniques employed to retrieve dental evidence from cremains.
- Understand the various tooth numbering systems and methods for entering dental notation and dental nomenclature into a dental record.
- Critically evaluate relevant forensic dental scientific texts and literature related to the practice of forensic odontology.
- Define the terms mass disaster, multiple fatality incident (MFI), disaster victim identification (DVI).



- Know the roles and responsibilities of the various national and international agencies and support teams that may be mobilized in the event of a natural or man-made mass disaster.
- Build a foundational knowledge of the organization and planning required for disaster site management at international, national, state, and local levels.
- Describe the functions of the dental mortuary operations station of the DMORT model of a DVI morgue operation.
- Understand the procedures and protocols required to compare antemortem and postmortem dental records in a DVI forensic setting using portable equipment and computer-assisted dental identification software.
- Describe suspicious physical, emotional, and other patterns observed in the abused child, intimate partner, elder, disabled or pregnant individual.
- Build a foundational knowledge of the historical and epidemiological information associated with the various forms of human abuse and neglect.
- Describe the role of the forensic odontologist in the recognition, documentation and reporting of physical abuse and neglect.
- Build a foundational knowledge of the procedures and protocols required in the process of reporting abuse.
- Define Munchausen syndrome by proxy.
- Recognize the signs and symptoms related to a caregiver's potentially abusive personality.
- Understand the role of the various federal and state, local, and support agencies that can intervene in matters of human abuse and neglect.
- Recognize the signs and symptoms associated with the dental manifestations of human abuse and neglect.
- Differentiate between the signs and symptoms of abuse and other medical, dental and emotional problems that may mimic these findings.
- Critically evaluate relevant forensic, dental, medical, and public health scientific literature concerning human abuse and intimate partner violence issues based on an understanding of evidence-based concepts.

## INSTRUCTOR



Dr. Herschaft received a BA degree from Queens College, City University of New York (CUNY), a DDS from West Virginia University (WVU) School of Dentistry, a certificate in oral and maxillofacial pathology from the Medical University of South Carolina (MUSC), and an MA in Curriculum and Instruction from the University of New Orleans. He is Professor Emeritus - MUSC College of Dental Medicine, Professor of Biomedical Sciences - University of Nevada - Las Vegas (UNLV) School of Dental Medicine, and Guest Professor - Medical School of Nankai University in Tianjin, China.

As a consulting forensic dentist with the Clark County Office of the Coroner/Medical Examiner - Las Vegas, Nevada, Nevada State Disaster Identification Team, University of South Carolina, School of Law Children's Law Center, and the National Center for Missing and Exploited Children (NCMEC) he has provided 40 years of forensic dental expertise to these and other legal agencies.

Dr. Herschaft served as a vice-president of the American Academy of Forensic Sciences (AAFS) and president of the American Society of Forensic Odontology. He received the AAFS, Odontology Section Award of Excellence in Forensic Odontology and was named 1998 Distinguished Alumnus of the Year by the WVU School of Dentistry Alumni Association.

He is a Diplomate of the American Boards of Oral Medicine and Forensic Odontology and Fellow of the American and International Colleges of Dentists, AAFS and Pierre Fauchard Academy. He has published and presented extensively regarding the relationship between oral and systemic health, oral and maxillofacial pathology, oral medicine, and forensic dentistry.

## REGISTER AT:

UNIVERSITY OF ALBERTA - CONTINUING DENTAL EDUCATION,  
5-566 EDMONTON CLINIC HEALTH ACADEMY, 11405 – 87 AVENUE NW, EDMONTON, AB T6G 1C9  
PH: 780.492.5391 FAX: 780.492.8973 EMAIL: [dentce@ualberta.ca](mailto:dentce@ualberta.ca) WEB: [dentistry.ualberta.ca/CDE](http://dentistry.ualberta.ca/CDE)



UNLV School of Dental Medicine is an ADA CERP approved provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. The University of Las Vegas School of Dental Medicine designates this activity for 4 continuing education credits.

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**FIRST NAME:** \_\_\_\_\_ **LAST NAME:** \_\_\_\_\_

**TITLE:**      DDS     DMD     RDH     RDA    OTHER: \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CITY:** \_\_\_\_\_ **STATE:** \_\_\_\_\_ **ZIP CODE:** \_\_\_\_\_

**PHONE:**    (    )                      **CELL:**    (    )                      **FAX:**    (    )                      \_\_\_\_\_

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Please make CHEQUES payable to: **UNIVERSITY OF ALBERTA**    **MAIL or FAX FORM TO:** Contact Information Below

**NOTE:** Cancellations are subject to a \$75 FEE. Refunds are made only if notice of cancellation is given in writing (email) at least 3 weeks prior to the course date.

**FACULTY POLICY:** The Faculty of Medicine and Dentistry reserves the right to limit enrolment, cancel or change the location, time, course content or teaching personnel of any course as may be deemed necessary or advisable.

**ALL FUNDS SHOWN ARE IN AMERICAN DOLLARS**

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