



**Dennis C. Dirkmaat, Ph.D., D-ABFA, HD Forensics,
and Mercyhurst University Present**

Forensic Analysis of the Human Dentition

15 - 18 June 2020

Erie, PA

This course consists in theoretical and hands-on sessions on different topics on dental analysis from a forensic perspective. Dental analysis and its interpretation play a key role in the process of forensic identification. Dental methods are highly reliable to estimate the age of the individual, especially in cases of sub-adults. The scientific advances and the improved imaging technologies enabled the development of a number of age estimation methods for sub-adult and adult individuals. Since teeth are one of the most preserved skeletal material in fire exposure, they are extremely valuable for identification purposes. Nevertheless, the changes in teeth and surrounding skeletal structures by the fire should be understood for a proper interpretation. The didactic portion of the course will cover dental anatomy and physiology, dental age estimation in sub-adult and adult individuals, the process of dental identification, the use of dental identification softwares, the role of the odontologists in a mass disaster scenario, dental and maxillofacial trauma and the analysis of burnt remains. All theoretical sessions will be followed by a hands-on session utilizing skeletal remains to implement the laboratory methods to apply on each topic.

Who Should Attend:

Odontologists, Anthropologists, Dental Hygienists and other Dental Professionals, Forensic Pathologists, Medicolegal Death Investigators and other Forensic Professionals. No dental background is required to attend this course.



Joe Adserias-Garriga
DDS, PhD, D-ABFO



Mary Cimmrancia, DDS



Sakher AlQahtani
BDS, MClintDent, PhD



Raymond Miller, DDS

For more information, check out HDForensics.com or contact Dr. Dirkmaat at dcdirkmaat@gmail.com

Dennis C. Dirkmaat, Ph.D., D-ABFA, HD Forensics, Mercyhurst University, and Tripwire Operations Group Present 2020 Forensic Anthropology Short Courses

We will be offering five other forensic short courses in 2020, on a range of topics related to Forensic Anthropology. Course titles and information are listed below, but please visit HDForensics.com for more information.

June 1-13	Core Principles and Practices in Forensic Anthropology: Vol. II Instructors: Dirkmaat, Ph.D., D-ABFA; Garvin, Ph.D., D-ABFA; Hefner, Ph.D., D-ABFA; Passalacqua, Ph.D., D-ABFA; Klales, Ph.D., D-ABFA; Chapman, Ph.D.; Rainwater, M.S.; Getz, Ph.D., Messer, Ph.D.; Adserias, D.D.S., D-ABFO; Hochrein, Special Agent FBI (ret.); Cabo, M.S.; and Fitzpatrick, Ph.D. Location: Mercyhurst University, Erie, PA	Cost: \$1300 Lab Portion Only: \$650
June 6-7	Basics of Human Osteology Instructors: Getz, Ph.D., and Messer, Ph.D. Location: Mercyhurst University, Erie, PA	Cost: \$200
June 15-18	Forensic Analysis of the Human Dentition Instructor: Adserias-Garriga, DDS, Ph.D., D-ABFO; AlQahtani, BDS, MCLinDent, Ph.D.; Cimrmancic, DDS; and Miller, DDS. Location: Mercyhurst University, Erie, PA	Cost: \$650
June 22-26	Forensic Archaeology and Outdoor Crime Scene Reconstruction Instructors: Dirkmaat, Ph.D., D-ABFA, and Hochrein, Special Agent FBI (ret.) Location: Mercyhurst University, Erie, PA	Cost: \$650
July 13-17	Fatal Fire and Mass Disaster Scene Reconstruction Instructors: Dirkmaat, Ph.D., D-ABFA; Hochrein, Special Agent FBI (ret.); and Morris, Tripwire Operations Location: Tripwire Operations Group, Gettysburg, PA	Cost: \$650
Aug 3-7	Basics of Indoor Crime Scene Processing Instructor: Dirkmaat, Ph.D., D-ABFA, and Hochrein, Special Agent FBI, (ret.) Location: LaRoche College, Pittsburgh, PA	Cost: \$350



Short Course Registration Form

You can register at HDForensics.com or with this form. Register using this form by filling out your information and mailing the completed form to:

HD Forensics
4023 Alison Ave
Erie, PA 16506

To pay for this course, you may either pay the full amount now, or to hold your spot, a non-refundable \$50 registration fee is required. Tuition discount (10% overall) for enrollment in multiple courses. Payment in full is expected two weeks before courses begin. Tuition costs do not include transportation or meals. Limited dormitory-style housing is available for Mercyhurst and Tripwire courses (see website for further information) and must be paid separately from course tuition. Tuition checks should be addressed to "HD Forensics"

Course Title: _____

Name: _____

Address: _____

Affiliation: _____

Email: _____

Phone: _____

Amount Enclosed: _____

Interested in Housing (Circle): **YES** **NO**

Questions: Call Dr. Dirkmaat @ (814) 397 – 3771