



UNIVERSITÀ DEGLI STUDI DI TORINO

ID

VP64_DIP_SPP

Visiting Professor Program Academic year 2020/2021

DEPARTMENT OF SCIENCES OF PUBLIC HEALTH AND PEDIATRICS

TEACHING COMMITMENT: 20 hours

COURSE TITLE

Legal Medicine - Dental Anthropology, Paleodontology and Forensic Odontology

TEACHING PERIOD

2nd term

SCIENTIFIC AREA

Forensic sciences

LANGUAGE USED TO TEACH

English

COURSE SUMMARY

An introduction to human dental anthropology, subdiscipline of physical anthropology and osteology. The human dentition is an important source of information for physical anthropologists and forensic odontologists. This course will be addressed to dental anatomy with a focus on human identification for archeology and forensic purposes. After this introduction to dental anatomy, a number of different methods for aging both adults and juveniles using the dentition will be introduced. The student will learn which method is most applicable in a range of situations, including wear patterns used for reconstruction of the diet or as tool. Students will learn to recognize and record oral and dental pathology, and how these relate to cultural and dietary habits to achieve a biological profile.

LEARNING OBJECTIVES

- Correct identification of the teeth in the human dentition;

- Aging of both adults and juveniles using the dentition;
- Recognition/interpretation of dental pathology;
- Recognition/interpretation of dental wear patterns;
- Understanding dental morphology and its ethnical variation;
- Assessing dental biography.

TUTORSHIP ACTIVITIES (IF APPLICABLE)

Lessons and laboratory activities will also receive the tutorship of other experts in the field of forensic odontology.

LAB ACTIVITIES (IF APPLICABLE)

The course will include laboratory sessions and hands on exercises to analyse the age using panoramic radiographs and dental age estimation atlases.

OTHER ACTIVITIES (IF APPLICABLE)

A Conference/Seminar on the importance of dental age determination and the assessment of a dental biography for human identification.

VISITING PROFESSOR PROFILE DESCRIPTION

The candidate must hold a dentistry degree with a dental anthropology or physical anthropology post-graduate education and training. Also other degree will be evaluated if related to physical anthropology. The candidate must also have an academic position and a Master and/or PhD degree in Forensic Odontology or Physical Anthropology or equivalent disciplines. The full curriculum of the candidate in the field of paleodontology and physical anthropology will be evaluated but scientific articles and contributions in the field of dental anthropology will be crucial for the selection.

CONTACT PERSON AT THE DEPARTMENT

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