

International Conference on

## FORENSIC RESEARCH &amp; TECHNOLOGY

&amp;

## ANNUAL BIOMARKERS CONGRESS

September 17-18, 2018 | Osaka, Japan

**Forensic Microanthropology: A New Specialty in the Forensic Sciences****Carlos A Gutierrez**

True Forensic Science, USA

This study is focused on reviewing and developing standards and guidelines in Forensic Microanthropology related to identification and microscopic differentiation between human and non-human bones. This study developed a protocol, which describes the basic tools and equipment necessary to achieve this type of analysis. Also describes the preparation process of the evidence to be analyzed under the microscope, as well as the microscopic identification methods (e.g. qualitative and quantitative approaches). This study was developed in Chaminade University of Honolulu, USA. To validate this study, the samples were analyzed one more time in the Laboratories of The Department of Defense of the United States *POW/*

*MIA Accounting Agency's DPPA-CIL Hawai'i, USA*. The original goal for this study was to show the importance of Forensic Microanthropology for the understanding of microscopic differences between human and non-human bones. Forensic Microanthropology is a new forensic science field, easy to learn and inexpensive, which can be of use in human identification processes in every forensic laboratory around the world. Since 2017, students of Forensic Science at Chaminade University of Honolulu have been learning Forensic Microanthropology and they have shown 100% positive identification and differentiation of human and nonhuman bone after their training.

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