



SIMLA
Società Italiana di Medicina Legale e delle Assicurazioni
E DELLE SCIENZE FORENSI E CRIMINALISTICHE



GIEF ITALIA

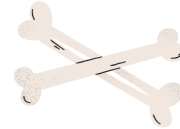
GRUPPO ITALIANO DI ENTOMOLOGIA FORENSE

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**GRUPPO ITALIANO DI ANTROPOLOGIA ED
ODONTOLOGIA FORENSE**

FORENSIC SCIENCE WEBINAR:

**Taphonomic Facilities: Research and
Education in Forensic Anthropology
and Entomology**



This webinar is intended for students and experts of pathology, biology, chemistry, anthropology, entomology, and for law enforcement members working on forensic investigations. Thanks to the participation of world-renowned North-American experts, the webinar will present the potentialities of training activities and research conducted at the body farms and will provide an overview of some of the last developments in the fields of anthropology and entomology.



DR. GIOVANNA VIDOLI

University of Tennessee, Knoxville (USA)



DR. JEFFERY TOMBERLIN

Texas A&M University (USA)



DR. GAIL ANDERSON

Simon Fraser University (Canada)



DR. JEFFRY WELLS

Florida International University (USA)

MAY 24, 2023

5 PM - 6.30 PM CEST

TO REGISTER:

<https://forms.gle/3Y3As3ZnXeruUrj6>

or scan the QR code below

Deadline to register:

May 20, 2023

FOR INFORMATION:

webinargief@gmail.com





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Webinar

MAY 24, 2023
5 pm - 6.30 pm CEST



Taphonomic Facilities: Research and Education in Forensic Anthropology and Entomology

WEBINAR OBJECTIVES

The webinar will provide a platform to discuss the scientific developments of forensic entomology and forensic anthropology that have occurred in the last years. Specifically, the event will focus on research and professional training for students and law enforcements conducted at the so-called “body farms”; these are institutional research facilities where human bodies provided by donors are used for decomposition studies. The use of human corpses makes it possible to improve our understanding of decomposition and insect colonization, and it reduces the limits posed by the animal model in regards to anthropology and pathology research. In 1981, Dr. Bill Bass, who is a world-renowned authority in the field of forensic anthropology, created the first body farm at the University of Tennessee, Knoxville. Currently, in the United States there are 8 similar facilities; in the rest of the world, body farms have been established in Sydney, Australia, and in Amsterdam. These facilities offer unique opportunities for researchers and experts of pathology, anthropology and entomology, who are interested in the overall process of decomposition and the biotic and abiotic factors that can interfere with it. For these reasons, body farms are also referred to as “taphonomic facilities”, which are laboratories that offer the chance to observe post-mortem phenomena of corpses until their full skeletonization. Bodies at the farms can be staged in different scenarios (i.e. buried, fully exposed, clothed) in order to gain a better understanding of the process of decay as well as insect and microbial succession.



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Taphonomic Facilities: Research and Education in Forensic Anthropology and Entomology

Moderator: Dr. M. Denise Gemmellaro, PhD, D-ABFE

Co-Chair: Dr. Carlo P. Campobasso, GIEF president

EVENT PROGRAM AND SPEAKER INFORMATION

5.00 PM

Introduction by Dr. Carlo P. Campobasso (GIEF president) and Dr. Cristina Cattaneo (GIAOF president)

5.05 PM

Dr. Giovanna Vidoli: "Past and Future of the first Body Farm at the University of Tennessee in Knoxville. Virtual Tour"

5.25 PM

Dr. Jeffery Tomberlin: "What Drives Insect Colonization of Vertebrate Remains and Bridging with Law Enforcement Training"

5.45 PM

Dr. Gail Anderson: "Conducting Taphonomic Research in a Variety of Ways: the Animal Model"

6.05 PM

Dr. Jeffry Wells: "The Application of Molecular Biology to Forensic Entomology. Update on Forensic Entomology"

6.25 PM

Discussion and Closing Remarks

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