

National Museum of
Health and Medicine
2460 Linden Lane
Silver Spring, MD 20910



25TH ANNUAL FORENSIC ANTHROPOLOGY

JUNE 11 – 15, 2012

Maryland Office of Chief Medical Examiner
Baltimore, Maryland



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Course Directors
Brian F. Spatola, MA
Franklin E. Damann, PhD

Supported by
National Museum of Health and Medicine
Maryland Office of Chief Medical Examiner

Sponsored by
The Henry M. Jackson Foundation

COURSE DESCRIPTION

Forensic anthropology is concerned with the scientific recovery, analysis and identification of human remains in the medicolegal context. Forensic anthropologists frequently apply their knowledge of human remains to victim identification, search and recovery and the interpretation of skeletal trauma. Over time, the role of the forensic anthropologist has expanded to include a greater role in human rights investigations and mass disaster operations. This course uses hands-on lab sessions to introduce basic techniques of skeletal analysis. Lectures provide the theoretical and methodological basis of human osteology and introduce applications used by anthropologists in their work. Forensic pathologists, death investigators, forensic dentists, attorneys and other specialists engaged in multi-disciplinary forensic investigations will find this course an excellent survey of forensic anthropology.



COURSE OBJECTIVES

By attending this course, attendees will:

Review the practice of forensic anthropology and its importance in the medico-legal investigation of death using case studies from the U.S.

Learn about the methods that forensic anthropologists use to create a biological profile of human remains for identification.

Learn how forensic anthropologists interpret skeletal trauma.

Understand the methods and challenges inherent in locating and recovering remains.

Understand the theoretical and practical considerations of personal identity and evidence and the role of anthropology in human identification.

Comprehend how forensic anthropologists contribute to ongoing investigations of cold-case unidentified remains.

Learn the importance of forensic anthropology in the response to mass disasters.

Review basic human skeletal anatomy and explore the identification of fragmentary remains.

Use hands-on afternoon workshops with teaching specimens to understand key concepts learned in morning lectures.

FACULTY

Dana Austin, PhD, DABFA
Tarrant County Medical Examiner's Office
Fort Worth, Texas

Hugh Berryman, PhD, DABFA
Middle Tennessee University
Murfreesboro, Tennessee

Lenore Barbian, PhD
Department of History and Anthropology
University of Pennsylvania
Edinboro, Pennsylvania

Angi M. Christensen, PhD
Federal Bureau of Investigation
Quantico, Virginia

Rhonda Coolidge, MA
Department of Anthropology
National Museum of Natural History
Washington, DC

Christian Crowder, PhD, DABFA
Office of Chief Medical Examiner
New York, New York

Franklin E. Damann, PhD
National Museum of Health and Medicine
Silver Spring, Maryland

Eric Emery, PhD, DABFA
Victim Recovery and Identification
National Transportation Safety Board
Washington, DC

Diane France, PhD, DABFA
Human Identification Laboratory
Colorado State University
Fort Collins, Colorado

Lisa Leppo, PhD, DABFA
USA Quatermaster Center and School
Mortuary Affairs Center
Ft. Lee, Virginia

Marilyn London, MA
Department of Anthropology
University of Maryland
College Park, Maryland

Kristin Pearlstein, MA
Department of Anthropology
National Museum of Natural History
Washington, DC

Lt Col Laura Regan, PhD
Armed Forces Medical Examiner System
Dover, Delaware

Martin C. Solano, PhD
Washington, DC

Brian F. Spatola, MA
National Museum of Health and Medicine
Silver Spring, Maryland

Richard Thomas, PhD
Federal Bureau of Investigation
Quantico, Virginia

MONDAY, 11 JUNE 2012

- 8:00 - 8:30 Registration
8:30 - 9:00 Introduction and Overview of Forensic Anthropology, Brian Spatola, MA
9:00 - 10:15 Body Search and Recovery Methods
Diane France, PhD, DABFA
10:15 - 10:30 BREAK
10:30 - 11:15 Methods and Standards in Osteology
Lenore Barbian, PhD
11:15 - 12:00 Non-Forensic Remains
Diane France, PhD, DABFA
12:00 - 1:00 LUNCH
1:00 - 4:30 Laboratory: Osteology, Bone Fragments

TUESDAY, 12 JUNE 2012

- 8:30 - 10:00 Sex Determination and Age Estimation
Lenore Barbian, PhD
10:00 - 10:15 BREAK
10:15 - 11:15 Ancestry Determination and Stature Estimation, Lisa Leppo, PhD, DABFA
11:15 - 12:00 Human Identification / Cold Case Unidentified Remains
Dana Austin, PhD, DABFA
12:00 - 1:00 LUNCH
1:00 - 4:30 Sex, Race, Stature, Non-forensic, Pathology

WEDNESDAY, 13 JUNE 2012

- 8:30 - 9:15 Anthropology at the Armed Forces Medical Examiner
Laura Regan, PhD Lt Col USAF
9:15 - 10:00 Trauma Analysis I
Hugh Berryman, PhD, DABFA
10:00 - 10:15 BREAK
10:15 - 12:00 Trauma Analysis II
Hugh Berryman, PhD, DABFA
12:00 - 1:00 LUNCH
1:00 - 4:30 Laboratory: Aging Techniques, Skeletal Trauma

THURSDAY, 14 JUNE 2012

- 8:30 - 9:30 Forensic Anthropology at the NYC OCME
Christian Crowder, PhD, DABFA
9:00 - 10:15 Case Studies from North Texas
Dana Austin, PhD, DABFA
10:15 - 10:30 BREAK
10:30 - 11:15 Anthropology Review Quiz
Lisa Leppo, PhD, DABFA
11:15 - 12:15 Forensic Anthropology at the FBI
Angi Christensen, PhD
Richard Thomas, PhD
12:15 - 1:00 LUNCH
1:00 - 4:30 Laboratory: Case Studies

FRIDAY, 15 JUNE 2012

- 8:30 - 9:45 Rounds at Baltimore OCME
OCME Staff
9:45 - 10:00 BREAK
10:00 - 11:00 Mass Fatality Incidents Overview/NTSB/DMORT
Eric Emery, PhD, DABFA
11:00 - 12:00 WTC Operations
Christian Crowder, PhD, DABFA
12:00 ADJOURN

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REGISTRATION

Registration Program Tuition is \$1000.

Active-duty US military, Department of Defense civilians, full-time permanent Department of Veterans Affairs employees (not residents or fellows), and commissioned officers of the US Public Health Service with authorized approval have a registration fee of \$650.

An administrative fee of \$100 per registrant will be deducted for cancellation. Refund requests must be received in writing one week prior to the course. No refunds will be made thereafter.

Course fees are payable by check or money order to HJFFA 2012 or by VISA, MasterCard, or American Express. To register online, credit card payment is required.

NOTE: Each participant will be given the course manual and syllabus on CD. There will be no printed syllabus. The syllabus will also be available on www.hjf.org. You are welcome to bring a laptop.

COURSE REGISTRATION ONLINE

Steps to register for this course:

1. Please go to <http://www.hjf.org>
2. Click on Events. Scroll to the month of June. Click on the course name and you will be directed to the registration page.

COURSE LOCATION

The course will be held at the Maryland Office of Chief Medical Examiner, Baltimore, Maryland. The OCME building is located within the University of Maryland BioPark in downtown Baltimore. The OCME is ten miles northeast of Baltimore/Washington International Airport and features modern lecture facilities and laboratory areas.

Address:

900 West Baltimore Street, Baltimore, Maryland 21223

INFORMATION

For registration and lodging please contact:

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If you need special assistance, please contact us.

ABOUT NMHM

The National Museum of Health and Medicine, established in 1862, inspires interest in and promotes the understanding of medicine—past, present, and future—with a special emphasis on tri-service American military medicine. As a National Historic Landmark Department of Defense asset recognized for its ongoing value to the health of the military and to the nation, the Museum identifies, collects, preserves and promotes important and unique resources to support abroad agenda of exhibits, educational programs, and scientific, historical, and medical research.

ACCREDITATION STATEMENT

The Armed Forces Medical Examiner System (AFMES) is accredited by the ACCME to provide continuing medical education for physicians, and takes responsibility for the content, quality, and scientific integrity of this CME activity.

The Armed Forces Medical Examiner System designates this educational activity for a maximum of 30 AMA Physician's Recognition Award Category 1 credits. Physicians should only claim credit commensurate with the extent of their participation in the activity.

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