



National Museum of Health and Medicine

Otis Historical Archives

OHA 145.1 DeMaio Collection

Accession Number: 2006.0052

Date of Records: 1998-2001

Size: 1 box

Finding Aid by: Eric W. Boyle (2012)

Access and Use: The Otis Historical Archives is committed to providing open access to its collections as far as possible within the limits of privacy and confidentiality. Some of the records may contain restricted material. Access to this collection is at the discretion of the Otis Historical Archives and material contained within the records may be subject to review before access is granted.

Biographical Note: Capt. Marlene DeMaio received a B.S. in Biology from Brown University in Providence, R.I. in 1981. She then went on to complete her graduate training at Hahnemann Medical College in Philadelphia in 1985. Expanding her knowledge further still, she attended postgraduate training at Yale-New Haven Hospital, Louisiana State University and the Cincinnati Sportsmedicine and Orthopedic Center. DeMaio was commissioned into the Navy as a lieutenant commander in July 1992. In 2004, she was awarded the Frank Brown Berry Prize in Federal Healthcare for her outstanding contributions to the field of body armor research and protection of military forces, as head of orthopedic surgery at the Naval Medical Clinic at the U.S. Naval Academy in Annapolis, MD.

Series/Scope and Content Note: The DeMaio Collection consists primarily of research material from trauma studies conducted from 1998-2001. Extensive photographic material is supplemented by charts, graphs, and tables. Additional items of note include a research notebook detailing DeMaio's daily activities, a short VHS report from the ballistics lab, and a special issue of *U.S. Medicine* featuring an article on DeMaio's receipt of the Frank Brown Berry Prize in 2004.

BOX AND CONTENT LIST

Box 001:

- 00001: Autopsy Protocols and Reports, John and Jane Does, B98-042, (1998-99)
- 00002: Trauma Study, Photos and Slides, B98-042 Forensics, 9mm (1998)
- 00003: Trauma Study, Photos and Slides, B98-042 Forensics, AK-47 (1998) [1 of 2]
- 00004: Trauma Study, Photos and Slides, B98-042 Forensics, AK-47 (1998) [2 of 2]



- 00005: Trauma Study, Photos and Slides, B98-042 Forensics, Posterior Plate (1999)
- 00006: Trauma Study, Photos and Slides, B98-042 Forensics, NATO Round (1998-99) [1 of 2]
- 00007: Trauma Study, Photos and Slides, B98-042 Forensics, NATO Round (1998-99) [2 of 2]
- 00008: Trauma Study Photos, Shot #4, 29 Apr. '99, Specimen #742
- 00009: Trauma Study Photos, Shot #16, 18 Jun '99, Specimen #791
- 00010: Trauma Study Photos, Shot # 17, 18 Jun '99, Speciment #801
- 00011: Trauma Study Photos, Misc.
- 00012: Body Armor Research Project—Chest Body Armor Graphs
- 00013: Body Armor Research Project—B98-042 Chest CTs
- 00014: Body Armor Research Project—Biomechanical Evaluation of Chest Body Armor
- 00015: Body Armor Research Project—Chest Body Armor Data Tables
- 00016: Body Armor Research Project—B98-042 Data
- 00017: Body Armor Research Project—Inteceptor/7.62 mm
- 00018: Body Armor Research Project—CBA/NATO (High Velocity)
- 00019: Body Armor Research Project—9mm Graphs
- 00020: Body Armor Research Project—CBA/M80 (High Velocity)
- 00021: Saviac: Chest Energy, Acoustics, Body Armor (7 Nov. '00)
- 00022: Presentation—Closed Chest Trauma: Evaluation of the Protected Chest (24 Apr. '01)
- 00023: Research Notebook, B98-042
- 00024: VHS: Two-Minute Report, Ballistics Lab (4 Sept. '00)

Loose item: *U.S. Medicine* (Vol. 40, No. 8)—“ The Frank Brown Berry Prize in Federal Healthcare”