

Goals & Objectives:

To explore the history, research, and advancement of military and civilian medicine through world class collections and digital technology. Learn about a variety of topics ranging from combat casualty care and traumatic brain injury to the history of vaccine development and techniques in forensic identification.

Pre-Meeting Preparation:

Please read the following enclosures:

- Group Assignments
- Visitor Instructions
- What to Expect
- National Museum of Health and Medicine official website

Conference Agenda:

The **tour begins at 1400** on your assigned day. Don't be late! We will meet in the continuity education room at 1200 and then drive/carpool to a lunch spot before the tour officially starts.

Group Assignments:

Tuesday, 16MAY2023

Faculty: Bumgardner, Lopreiato, May Broughton

Kondiles

Mauro

Caballero

Ferraro

Howard

Davis

Martin

Warren

Wednesday, 17MAY2023

Faculty: Carr, Hepps, Schacht

Bennett

Rahman

Reddington

Ghersi

Hasler

Lucido

Liggett

McNamara

Thursday, 18MAY2023

Faculty: Bumgardner, Lopreiato

Graziose

Goetzman

Zven

Meyers

Molter

Patel

Sukenaga

Westbrook

Wilson

SECURITY ON BASE

When visiting the museum's collections or administrative offices, please be mindful that you will be coming on to a US military base and must comply with all security procedures. In order to meet with staff, you must enter the base through the Brookville Ave gate, instead of using the public museum entrance. Pre-vetted individuals will be required to show their driver's license to receive the visitors pass and entrance to the installation.

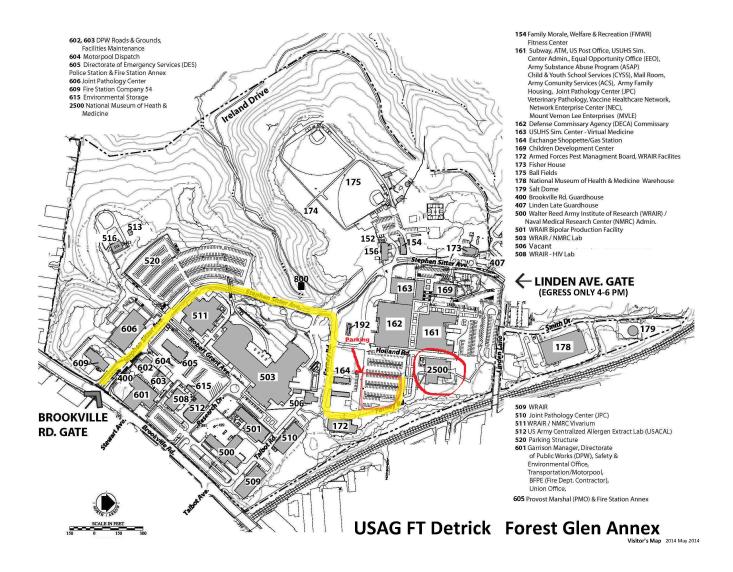
Here's what to expect if you have not been pre-vetted:

- At the gate you will be stopped by security guards and will be directed to pull your car over to a nearby inspection area.
- Guards will ask to see your driver's license, car registration, and proof of insurance. They will use that information to run a brief background check, similar to the kind that is run by police at a traffic stop. If any of the documents are not current they will deny entrance to the base.
- Guards may also want to do a cursory inspection of your vehicle, such as looking in the trunk or undercarriage. The entire process will take 15 minutes at a minimum and possibly longer during peak hours.
- You will be directed to acquire a Visitor Pass at the Visitor Center (Building 605 located next to the Police Station). The office is the first door on the right. This may take up to 10 minutes per individual.

There are different security protocols in place for non-US citizens and please note that that paperwork and approval requires four to six weeks to process. Please let your NMHM POC know if those circumstances apply to you, and do not hesitate to follow-up with any questions. If you take a taxi or shuttle, be sure to confirm that they are willing to come onto a military post, as the same security protocols will apply.

DIRECTIONS

In order to get on base, we suggest mapping directions to 8998 Brookville Rd. Silver Spring, MD 20910 (this is the location of the Forest Glen Visitors Center). This will take you to the Brookville Ave gate. There's only one road that goes through the base, so stay on it past the big yellow and blue building, which is on your right as you come to the first stop sign (which is at Robert Grant Ave). You'll go down a small hill (which runs behind the yellow and blue building) and as you go up the hill, take a right on Forney Road, which has a sign for the Commissary. After a quick left, you'll come to the parking lot. The museum's parking area is close to the perimeter fence, behind the first 4 rows of Commissary parking. The museum is a tan building and you will need to ring the doorbell at the back door. You'll be asked to sign in and a staff member will come get you. Be mindful of the 15MPH speed limit - it is strictly enforced.





National Museum of Health and Medicine: What to Expect





"...this is ... a museum about the triumphs of medicine, especially military medicine."

The Washington Post, Oct. 24, 2008















We are the nation's medical museum



Mission: To preserve and explore the impact of military medicine.

Vision: To preserve, inspire, and inform the history, research, and advancement of military and civilian medicine through world-class collections, digital technology and public engagement.

The exhibits of the museum will show challenges and innovations related to military medicine, including trauma, pathology, and surgery through real human remains, models, images, and related artifacts.

Welcome to the National Museum of Health and Medicine





Museum Entrance Sign



Museum Entrance Walkway

Please leave backpacks and large bags in the car or bus.

Welcome to the National Museum of Health and Medicine



No...

- ☐ Flash photography
- ☐ Food or drinks in the galleries







Accessibility Information



The museum is committed to accessibility for all visitors.

- Wheelchairs and light-weight stools are available free of charge on a first-come, first-served basis from the Information Desk. The museum also welcomes personal walkers, wheelchairs, and scooters.
- ASL Interpretation can be provided for tours or public programs upon request. Requests must be placed at least two weeks in advance.
- Service animals are welcome in the museum.

Pick up these items at the reception desk...



Mini Medic Bags

- Mini Medic Bags are messenger bags filled with activities for children ages 3-7 to enhance a self-guided tour
- Ask for a bag at the museum's reception desk or call ahead to reserve one for your visit
- Bags are limited in number and are available free of charge
- Activities:
 - Lab coat
 - Mini Med School Reading Activity
 - Anatomy Puzzle & Matching Game
 - Observe and Record Activity
 - Stars and Fibers
 - Stitch it up!



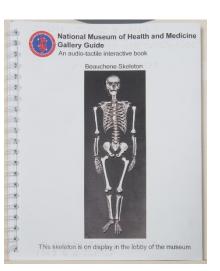
Audio-Tactile Guide

- Booklet and audio pen for the visually-impaired help guide visitors through the museum galleries, providing information on highlighted objects
- Guide includes booklet with braille and large print text, raised lines and textures on images, and a corresponding smart pen provides descriptive audio of text and images
- Exhibit Highlights:
 - Balad Floor
 - DEKA Arm System
 - Walter Reed
 - WWI Watercolor
 - General Sickles' Leg
 - Lincoln Artifacts
 - Elephantiasis Leg
 - Artificial Kidney









Gallery Tours





Tour Path:

General Tour (40 people max)

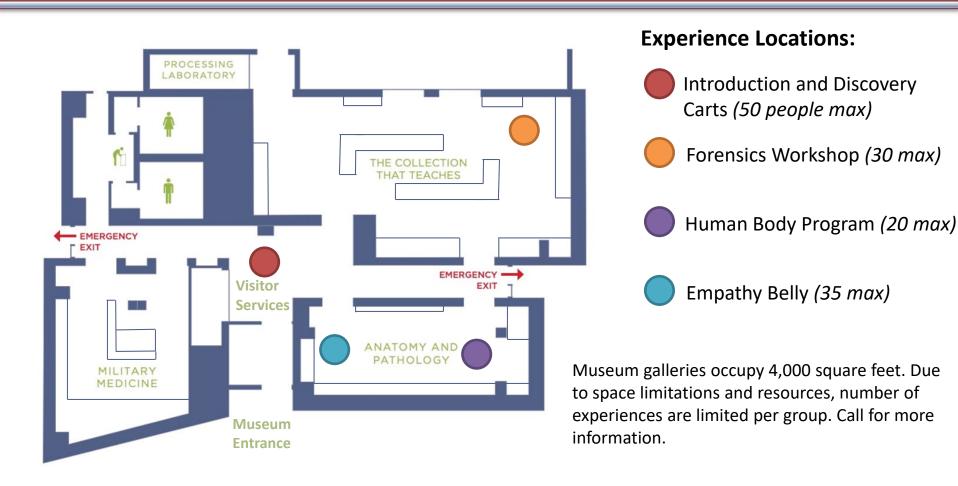
- Meeting place
- 2 Start of tour
- 5 End of tour

If group is larger than 10, the group will be split into separate smaller groups each starting at a different number and rotating. One volunteer docent can accommodate 10-12 people.

Gallery Experiences

*Gallery experiences must be scheduled in advance.

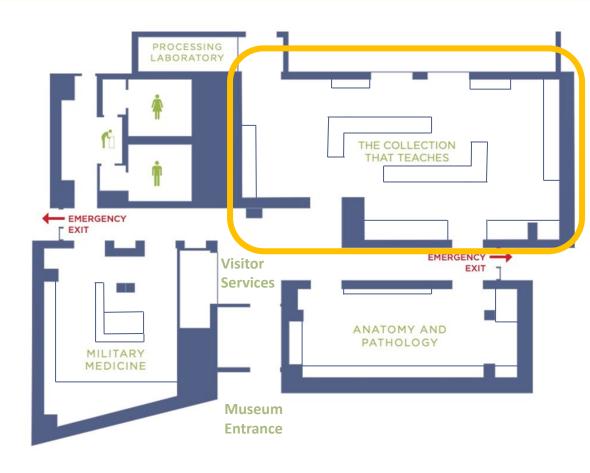




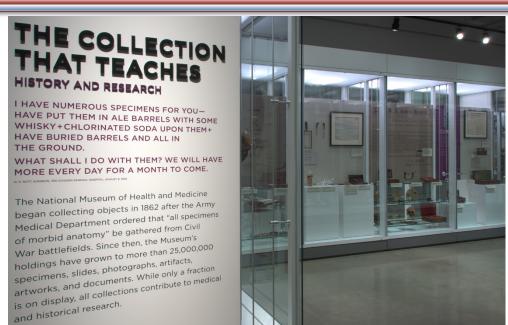
Galleries: The Collection That Teaches



- The Collection That Teaches
 - ☐ Topics include Civil War medicine, the assassination of President Abraham Lincoln, human identification, biomedical engineering, human pathology, and chemical warfare during World War I







Civil War Collections

Civil War Collections







Civil War Collections

Biomedical Engineering







Pathological Specimens

Human Identification

















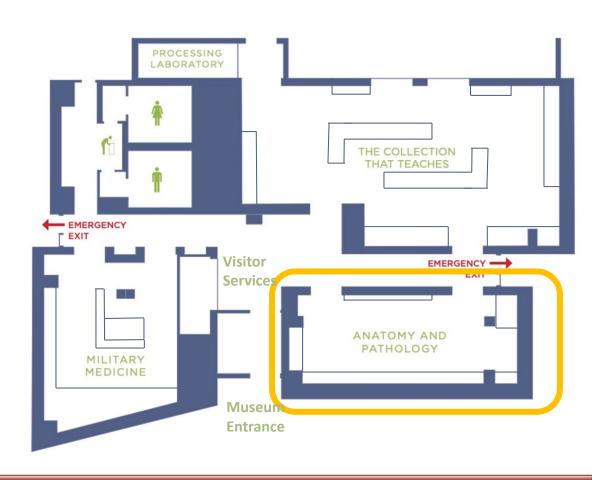
Artifact and Specimen Examples:

- Carcinoma, Smoker's Lung
- 2. Leg, Elephantiasis
- Kolff-Brigham Artificial Kidney
- 4. Hooke Microscope
- Bullet that killed President Abraham Lincoln
- Tibia and Fibula of Maj. Gen. Daniel E. Sickles with 12pound Solid Shot

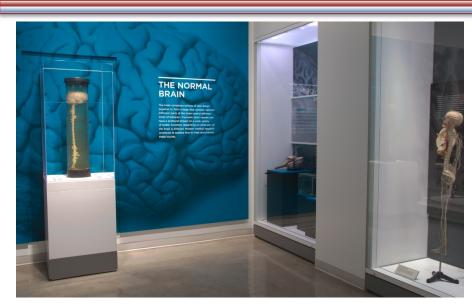
Galleries: The Human Body



- The Human Body: Anatomy and Pathology
 - ☐ A display of anatomical specimens that show normal anatomy and the pathology of traumatic brain injury







Brain Specimens

Special Program







General Anatomy

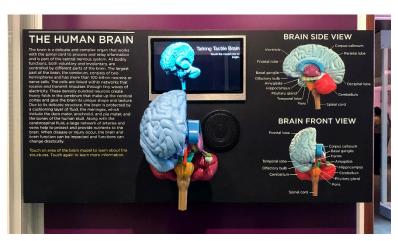
Skeletal Development





Traumatic Brain Injury



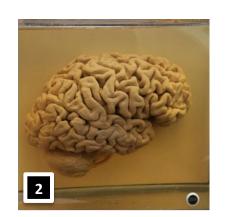


Tactile Brain

Interactive brain model and monitor that provides descriptive audio and text about each part of the brain.

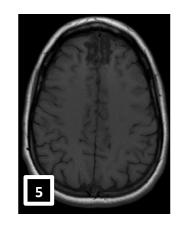














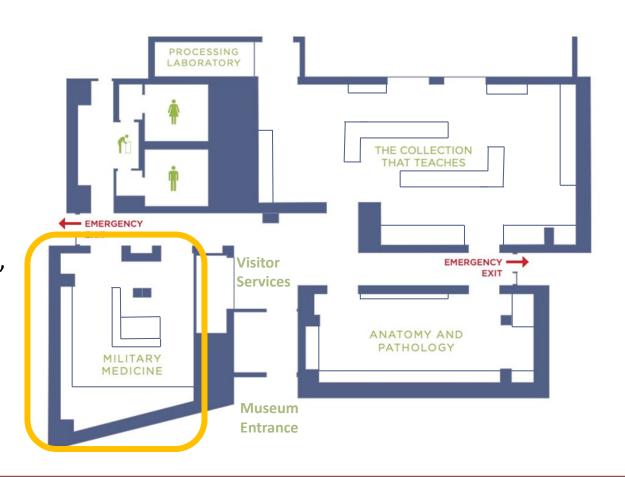
Artifact and Specimen Examples:

- Discovery Cart:
 Plastinated Organs
 Upon Request
- Brain
- Xbox Used by TBI Patients at Walter Reed Army Medical Center
- Hands Displaying Muscles and Ligaments
- 5. Brain Scan
- Brain, Papier-mâché, made by Auzoux, 1901

Galleries: Military Medicine



- Military Medicine: Challenges and Innovations
 - ☐ Artifacts relating to military medicine in protecting, repairing, and rehabilitating service members



Military Medicine: Challenges and Innovations





Object Theater Interviews

Facial Reconstruction and Medical Instruments



Military Medicine: Challenges and Innovations





Facial Reconstruction & Trauma
Bay II



Military Medicine: Challenges and Innovations













Artifact and Specimen Examples:

- 1. Model 1917 Helmet
- 2. Two Plaster Life Masks
 Exhibiting Face Wounds
 and Reconstruction, Civil
 War Fra
- Plaster Life Masks
 Exhibiting Face Wounds and Reconstruction, World War II
- 4. "LUKE" DEKA Arm System, Generation II Prototype, 2008
- Special Medical Emergency Evacuation Device (SMEED)

Contact Us



National Museum of Health and Medicine

2500 Linden Lane Silver Spring, Maryland 20910

For general information or questions contact: 301-319-3300

To book an experience or tour contact: 301-319-3312









@MedicalMuseum