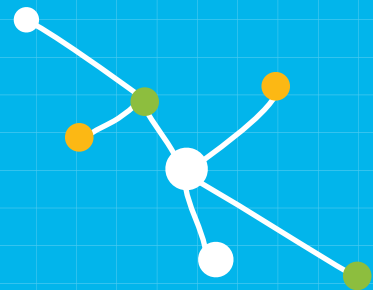
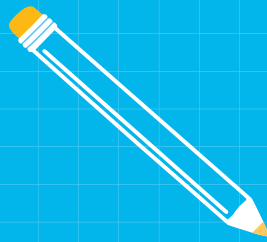
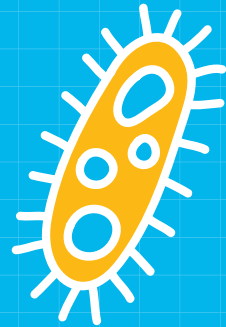
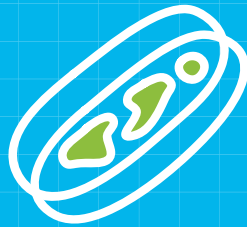
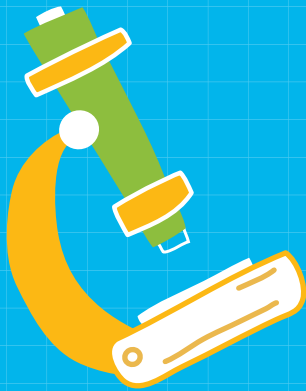


The  
Health  
Museum

JOHN P. MCGOVERN MUSEUM OF  
HEALTH & MEDICAL SCIENCE

# FIELD TRIP GUIDE SUMMER 2024



## GET IN TOUCH

For more information or to book your field trip, please contact us at

 [reservations@thehealthmuseum.org](mailto:reservations@thehealthmuseum.org)  713-337-8451

## FOLLOW US ON SOCIAL

 @thehealthmuseum  /thehealthmuseum  @thehealthmuseum

# MUSEUM EXHIBITS

RESERVATIONS MUST BE MADE 14 DAYS IN ADVANCE, BOOK TODAY!

STANDARD COST  
\$8/STUDENT  
Title I discount available \$5



## AMAZING BODY GALLERY

Explore the science of health and the human body with interactive kiosks and larger-than-life models of human organs, including a giant beating heart! This exhibit is a great way for students to learn about body systems.

## BRAIN TEASERS

Time to flex some mental muscle! This guest-favorite features a collection of hands-on puzzles designed to develop problem-solving skills while providing plenty of fun. From mathematical conundrums to mind-boggling block puzzles - these puzzles challenge you to use some creative thinking and problem-solving strategies.



## VETERAN VISION PROJECT

Arizona State University student and photographer Devin Mitchell created the Veteran Vision Project to capture the diversity of veterans and their experiences. His powerful photos, which have received significant national acclaim, contrast veterans in uniform and in poses that reflect their life after military service.

## MCGOVERN THEATER

The Health Museum's McGovern Theatre – originally funded by the John P. McGovern Foundation – is a multi-purpose theatre that houses lectures, dissection demonstrations, science shows and films. Come take a seat and enjoy the view!



SUITABLE FOR ALL AGES

# SPECIAL EXHIBIT

TRIP RESERVATIONS MUST BE MADE 14 DAYS IN ADVANCE, BOOK TODAY!

INCLUDED IN  
FIELD TRIP  
ADMISSIONS



## MINDWORKS



ONTARIO  
SCIENCE  
CENTRE

FIRST  
PREMIERING  
IN THE US

At The Health Museum | June 15 - October xx, 2024

Rooted in psychology, MindWorks brings mental processes like decision-making, memory, and emotions to life through colorful, playful, and fun hands-on exhibits. Explore why you think, feel, and react the way you do, and uncover the remarkable power of your mind.

# ORGAN DISSECTION DEMONSTRATIONS

ORGAN DISSECTION IS AN ADD-ON OPTION TO A FIELD TRIP RESERVATION. OPTION CHOICE IS SUBJECT TO MUSEUM EDUCATOR'S AVAILABILITY.



ALL AGES

## LIVE DISSECTION DEMONSTRATIONS

Take a seat inside the McGovern theater and follow a live dissection of a cow eye or a sheep heart performed by one of the Museum science educators. Each demonstration hosts up to 120 students.

45 MINS  
\$50/SESSION

# DEBAKEY CELL LAB

20-40 MINS  
\$5/STUDENT

LAB EXPERIMENTS ARE FACILITATED BY A LAB EDUCATOR, MUST BE BOOKED 14 DAYS IN ADVANCE

GEAR UP WITH A LAB COAT, GLOVES, AND GOGGLES. TRAVEL THROUGH EXPERIMENT STATIONS THAT GET YOU UP CLOSE AND PERSONAL WITH CELLULAR BIOLOGY.

Named after the respected and accomplished cardiovascular surgeon and medical pioneer, Dr. Michael E. DeBakey, this interactive bilingual lab experience is designed to make biology-based science experiments accessible to the public and inspire future scientists and science-lab leaders in the medical field.

*Experiments are available in English & Spanish.*



- ✓ FOR GRADES 2<sup>ND</sup> & UP DUE TO THE COMPLEXITY OF THE EXPERIMENTS
- ✓ ALL GROUPS MUST BE ACCOMPANIED BY AN ADULT CHAPERON
- ✓ 2 EXPERIMENTS PER VISIT



## 2<sup>ND</sup> & UP

### DNA EXTRACTION

See long, stringy DNA strands after breaking down cell membranes of a wheat germ. **15-20 min**

### CHEEK CELLS

Stain and examine a small sample of your cheek cells under a microscope. **15-20 min**

## 4<sup>TH</sup> & UP

### EXAMINING BLOOD

Make, stain, and look at a sheep blood smear through a microscope to appreciate different types of blood cells, RBCs, WBCs, and platelets (along with human blood smear samples available in the lab). **30 min**

### ANTIMICROBIAL AGENTS

Determine which common antimicrobial products are the most effective in killing bacteria. **20-25 min**

## 8<sup>TH</sup> & UP

### MYSTERY MICROBES

Identify living bacteria cultures using chemical tests, stains, and a microscope. **30-45 min**

### GIANT CHROMOSOMES

Stain DNA, learn to examine the DNA in tightly packed chromosomes under a microscope. **40 min**

*\*Labs and classes at The Health Museum align to the state and national standards in Science, Technology, Engineering, Art, and Math (STEAM) content.*