Biorhythm Logo

The Health Museum Logo

**THE FIELD TRIP EXPERIENCE**

The Health Museum offers immersive experiences with exciting exhibits and engaging, educational activities. We also offer stimulating Discovery Labs add-ons that will make your experience memorable and unique.

The Field Trip Experience ($8 per student) --a complete and entertaining journey created for the most curious minds.

Discovery Labs – an exciting selection of add-ons for a more customized experience.

**THE EXHIBIT**

**EXPLORE THE RELATIONSHIP BETWEEN MUSIC AND THE BODY THROUGH ART AND SCIENCE**

What makes us dance? Why do we sing the blues? Could there be a formula for the perfect hit?

Music is a central part of the human experience, but what is the natural force that drives us to sing, strum, drum and dance? What is the scientific basis of whistling, humming and toe-tapping?

Cognitive scientist Steven Pinker recently claimed that music is “auditory cheesecake”, designed to tickle parts of our brain designed for more serious purposes like speech and abstract reasoning. Darwin, on the other hand, preferred to think that music and dance evolved as an integral part of human courtship rituals. Our brains, ears and vocal chords are exquisitely designed for enjoying and creating music.

From an acoustic bed to sonic tables and experiments on your emotional response to pop music, Science Gallery’s Summer exhibition BIORHYTHM will allow you to feel how music moves your body through an interactive bazaar of unique sonic experiences, installations, and experiments and performances from musicians, engineers and neuroscientists from around the world. Join us in exploring the science of sound.

**ACTIVITIES**

* **McGovern Theater:**Sonic Magic
* **Live Dissection Demos** Take a seat inside the McGovern theater and follow a live dissection of a cow eye or a sheep brain performed by one of the museum science educators.
* **Engineering Design Station: Musical Discovery.**Design musical instruments from scratch using recyclable materials and what you can find at home.
* **Auscultation**: Listening to the sounds of the body. Listen to your own internal music and learn about the instruments that allows doctors to listen to your body.

**Discovery Labs**

**DeBakey Cell Lab:** Gear up with a lab coat, gloves and goggles and travel through experiment stations.

**DIY (Dissect It Yourself) Labs:** hands-on dissections, students actively explore the structure and function of organs

**Amazing Body Lab:** Not only will anatomy come alive, but students will try their hand at real surgical skills as they scrub up, dissect, and practice stitching and suturing.

**Clinical Case Lab:** Step into the role of “*Doc for an Hour”*—complete authentic medical tests using professional lab tools, work with our state-of-the-art human patient simulation robot,

**Air Pollution Solutions Lab:** Students are led through an improvisational drama in they learn the importance of clean air, and how personal choices can affect our environment.

**Special Events**

**April 16- 20**

**Week of The Young Child**

Sing, dance, celebrate, and discover the basic concepts of music as you create your own musical instrument using recycled materials on *Music Monday*; learn how cooking together connects math, science, and literacy skills on *Tasty Tuesday*; explore engineering concepts while building an awesome structure that promotes health and wellness on *Work Together Wednesday*; get messy and create an amazing body masterpiece on *Artsy Thursday*; join us for high-energy, music and movement routines that are sure to get the whole family excited about physical fitness on *Family Friday*!

**Thursdays & Fridays in May**

*Supersonic Sound Party*

Let the music move you as you enjoy live performances and a cultural exploration of sound. Create your original BioBeat sound and explore innovations in sound and health.

**July 9- 13**

**Global Teen Medical Summit 2018: New technology to safeguard our health**

The Global Teen Medical Summit is a unique opportunity for 9th to 12th grade students to explore the challenges facing modern day medicine with leading experts from the world renowned Texas Medical Center. Students will discover how cutting edge technologies are revolutionizing today’s medicine, collaborate with their peers to reimagine the future of healthcare and create products using 3D printing.