MAGNIFICENT ME

Exhibit Descriptions

discovery network

Exhibit Descriptions

How does my skeleton move?

Stand on the footprints on the floor and see what your skeleton looks like.

Computer software generates a skeleton that matches the user's dimensions and movements.

What do I look like on the inside?

Stand on the footprints on the floor and see what your insides look like.

Computer software displays internal organs superimposed on visitor's body on video display.

What does a baby look like in the womb?

Pick a sonogram and use the sensor wand to "see" inside the womb.

Offers an interactive view of a single fetus, twins, or a 3D image of a baby in the womb.

Exhibit Descriptions

Is smoking bad for me?

Use the lever to inflate the lungs. What do you notice about the smoker's lungs?

Demonstrates the effects of smoking on the lungs.

How fast is my heartbeat?

Place your hands on the metal handprints and listen to the drum beat to your heart rate at rest. Then, try ten jumping jacks and listen again. Do you see the difference?

Demonstrates the effects of exercise on heart rate and explains the benefits of proper exercise.

Can my eyes fool my brain?

Ask another guest to sit with you on each side of this mirror, then line up the mixed reflections of your faces!

Seeing things our brain doesn't expect can be funny, strange, or even frightening. We see ourselves differently in photographs than in a mirror.

Can your ears fool your brain?

Push the buttons to listen to the sound. Which one do you think is bacon frying? Lift the panel to find out!

The brain can be confused by input from other senses or suggestions.

Exhibit Descriptions

How does blood get pumped up my legs?

Squeeze each bulb handle to pump blood and see the difference in the "veins" with valves (right leg) and without valves (left leg).

Demonstrates how muscle contractions in the legs combined with amazing one-way valves can overcome gravity.

What do my bones look like?

Use these X-rays to make a whole human skeleton! Which X-rays show healthy or damaged bones or organs?

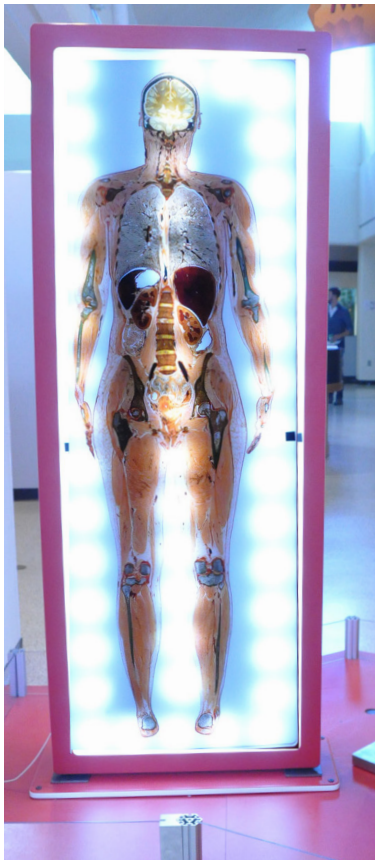
How do x-rays help us see inside the body and diagnose bone problems?

Animal cell or plant cell?

Set the timer, then see if you can assemble a plant and a human cell. Better hurry — the puzzles will blow themselves apart in 30 seconds!

Shows the similarities and differences between animal cells and plant cells.

Exhibit Descriptions



It's in your GENES!

These panels, half male and half female, are high-resolution photos from slices of actual people who donated their bodies for science education.

Explains how the X and Y chromosomes determine the development of male or female characteristics.

Can my hand fool my brain?

Place your hands on the coils to the left and right of the exhibit, then put them both on the center.

The thermal illusion happens when nerve cells feel warm and cold temperatures at the same time.

What do I look like inside?

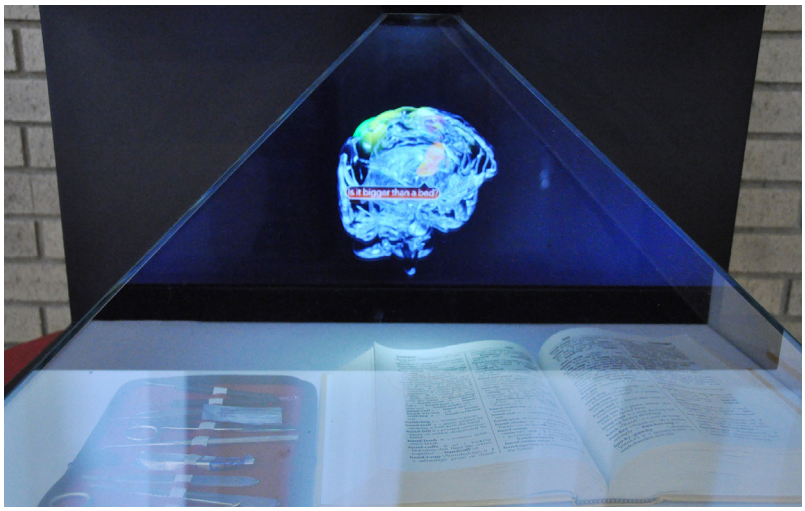
Slide your finger in the trough to "slice" your way through the human body. Use the body outline as your location guide.

Explains how and why CT scans are made and used.

What's an endoscope?

Explains the uses of an endoscope and allows the visitor to manipulate an endoscope tool and navigate down the esophagus.

Exhibit Descriptions



How does my brain "see" a word?

Use the finger slider to rotate the brain and explore how we process information.

Through the process of magneto-encephalography, watch the neural activity taking place in different parts of the brain as it recognizes a word!

Why do I fart?

Have a seat — then bounce up and down to build up gas pressure.

Everyone does it! Explains the natural production of gas in the intestines

How do my bones move?

Turn the knob, and watch the skeleton hand and arm show you how the bones inside of you are moving, too!

Explains the complex movements of muscles, joints, and bones involved in an everyday action.

Exhibit Descriptions

Why does my body make so many noises?
(And is that a bad thing?)

Press a button. Hear a noise.

Our bodies are made of many moving parts, so there are plenty of sounds to hear — from the "lub-dub" of a heartbeat to the growling of your digestive system.

What do I look like – up close?

Use the hand-held microscope to look at your skin or clothes.

Use a 40x microscope to see everything 40 times larger!

discovery network