

Med-Start Phoenix

2009



Med-Start Week Three

The third week of Med-Start 2009 has come and gone, leaving our students with new stories and memories! As we pass the half-way point of the program, our students are more engaged than ever!

Tanja James began their week with a presentation of various programs available to finance a medical education. Dr. Gonzales kept them moving through the week as they explored the effects of exercise and stress on the heart. The students explored the anatomy and physiology of a cow eye through a dissection lab led by Dr. Fisher. On Wednesday the Med-Start Students got a glimpse of the future of medicine through our very own Telemedicine program.

On our last trip to Banner, the students had a chance to explore the equipment that trains our physicians and nurses. Students tested their surgery skills through the Wii, and had the wonderful opportunity to deliver a baby mannequin. Way to go! Barbara Rayes finished off the day with an engaging talk of cultural competence.

The week ended with a intriguing tour of Artificial Limb Specialists. Mike Pack, our tour guide, provided a live demonstration of the making of an artificial limb. Also, some of the students were given a chance to utilize a mechanical artificial arm.

Remember, have a safe and fun 4th of July!

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Upcoming Events

Tuesday, June 30th	Lunch and Career chat with Dr. Trujillo Web 2.0 with Jacque Doyle
Wednesday, July 1st	Cancer in Native Americans with Dr. Coe
Thursday, July 2nd	Tour of Phoenix Children's Hospital Early Dismissal!
Friday, July 3rd	Holiday



Med-Start Phoenix

Tour of Telemedicine

By Elizabeth Valdivia

The first day in Med-Start we got a simple tour of the Telemedicine room and I'm sure all of us were amazed. On Wednesday when we got the full tour. I personally couldn't believe all the advances in medicine thanks to a television, camera, and internet. What surprised me the most was that patients don't have to be in the doctor's actual

office to get treatment anymore, which is great because Telemedicine is helping people that may live too far from a doctor. The Telemedicine room was

something like from a movie set to me with all the screens in the front room with cameras and microscopes. The fun part was when half of us went into a room and other half into another room and we could see each other and talk to each other with the technology from Telemedicine, which is the same thing doctors do with their patients. Once I read this poster on the wall I found out that doctors here help patients in Panama through Telemedicine. Overall, I feel that Telemedicine is helping many people and making the work of doctors different.



Tour of Artificial Limb Specialist

By Brittnee Guerra

Before we went to the Artificial Limb Specialist Office I didn't know what to

expect. After a couple of bus rides to get there I was surprised to find ourselves all in a small waiting area. Mike showed us a tour of the office which had been



miniature to what I thought it would be like, but so many things were going on. We all got to watch Mike fit his friend for an artificial leg which was interesting because we were able to watch the beginning process. I had thought it was all done by computer, but when he started

to wrap his leg with sheets of material to make a cast I was amazed. At the end he showed us an artificial arm and hand that was run through impulses in your other arm. It may not sound as interesting but it was amazing to see. Some of us got to try it on and some had the pleasure to shake the hand that felt so real. After we got back from walking to school I was thinking about the experience and realized that I valued this as a new option I had never thought about in the health career field.

Lunch and Career Chat with Dr. Gonzales

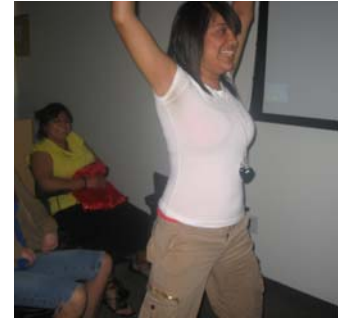


By Andrea Lugo
I find the small yet fun experiments we do to be quite entertaining. When Dr. Gonzales

came to visit she presented us with a power point informing us with different things about the heart. After every power point I see I learn something

knew this time was about the heart. Dr. Gonzales had hinted also that she would give us a little taste of what she does.

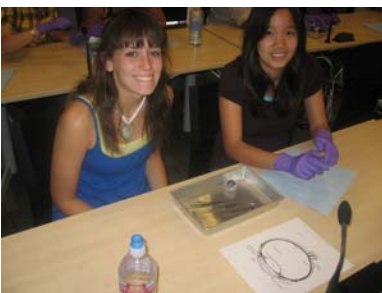
After her interesting presentation she asked us to test some things out. Splitting us in two groups group one had to first check heart rate when they were relaxed. Then group one had to check their heart rate as there hand froze in ice water. While group two did the same except for sticking our hand into freezing water we had to endure an excruciating thirty second of exercise. After both groups completed their task was to compare the heart rate results. Although during



the experiment some of us showed no pulse, we all had fun and learned a lot.



Eye Dissection



By Andrea Blodgett

What to say about the eye dissection. Well, lets just say dissecting a cow's hol-

low, juicy, squishy, squirt eye juice into your eye eyeball is actually pretty darn fun. Many don't get to do that very often but when you do, watch out because you might just get a squirt. EWWWW! Our instructor, Dr. Fisher, told us briefly about how the eye works and even some disabilities people have, for example lazy eye. It was pretty neat. She had two students from her BIO598 class help us work through the structures of the eye and skull that she had laid out for us to use. Don't worry, they weren't real skulls.

We learned that students in her class

have the chance of doing lots of dissection. Some of the major dissections are a red panda, hippopotamus, and a lion. One of the students told me that the main things that they focus on are the appendages. After dissecting, they draw pictures for her lessons. He said that anatomy is usually visual, which I find very true. Surprisingly, the drawings in Dr. Fisher's presentation were drawn by him. Overall, the cow's eyes, and the human skulls were a cool way to teach us about the human body, in a hands on manner. Thanks Dr. Fisher!

Picture Gallery



Offering a helping hand



I am all eyes!



Focus, Focus, Focus.



Teleconference through Telemedicine



Everyone needs sleep....



...even counselors.