

Academy of Medical Arts and Engineering

APRIL 2014



Speaker Series

APRIL 23

Dr. Lauren Johnson,
Biomedical Engineer
Medtronics Corp., Pittsburgh

Don Fuller,
Physical Therapist,
Hertel & Brown

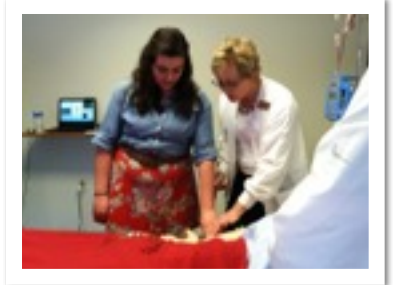
Dr. Joshua Tuck and
Dr. Anthony Ferretti
Orthopedic Surgeons,
LECOM

Medical Students Visit EUP Medical Simulations Lab

Dr. Terri Astorino, EUP professor of nursing, hosted the Academy medical students on April 14 at the medical simulations lab on campus. The lab is home to four medical simulations labs, including the new \$100,000 state-of-the-art, computerized SimMan.

SimMan breathes, blinks, has a pulse, moves, and can be programmed for a variety of medical conditions that students must assess and treat.

GM students learned to check the five pulse points; check pupil dilation; bag a patient who is not breathing; listen for normal breath and bowel sounds and normal heart rhythm. Junior, Zach Miller, administered CPR when SimMan's EKG showed the patient was in V-tach. Dr. Astorino also instructed everyone in the proper technique for donning and removing sterile gloves for procedures and surgery.



April 25 University of Pittsburgh

All thirty-one Academy students will visit the Swanson School of Engineering at the University of Pittsburgh on April 25. Under the

direction of Dr. Lauren M. Byland, the students will tour the school and labs, work with engineering majors, explore undergraduate research opportunities, cooperative programs, and international study opportunities.