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Name: Luke Buonanno

Date: 9/29/2023

Industry Name: St. Luke's

Address/Location: St. Luke's University Hospital - Bethlehem Campus

Speakers/Representatives:

Shaden Eldakar-Hein (Dean for Medical School)

Lisa Storck-Senior Associate Dean at the SL School Nursing

Maureen Barrett-SLUHN Advanced Practice Sr. Manager

Dan Taylor-Nurse Practitioner

Melissa Brown-DeSales University, Director of Didactic Education

2. For the first hour we listened to the above speakers explain their various professions. Most of them took very nonlinear paths to get where they are today, that was my big takeaway for this panel. They referred mostly to PA, NP, and MD certifications and the various ways they got there. We subsequently went to the sim lab where we went first to their rooms where they test up-and-coming students. There were one-way mirrors so that the students could be observed, but not see the observer. They (like DeSales) had mannequins to practice on, although these were less state-of-the-art. After seeing these things, we went downstairs and viewed their collection of 3D printers (very cool) latex molds, and other props. Finally, we went to the Anatomage table which was a very interesting tool that allowed for 3D visualizations of body parts and even x-rays of living people.

3. One thing in the tour that I connected to my previous knowledge was the 3D printing section of the tour of the sim lab. I greatly understood the processes they were talking about and could converse with the instructor at length about the subject.

4. One way the information gained during the tour can be applied toward my future career endeavors is the usage of 3D printing and other molding projects in health care. As a mechanical engineer, this could be an opportunity to work in the medical field.