

**STAR HEALTH SCIENCES “SELF-GUIDED” TOUR**

1. **Bone Density Lab**
2. **Nurse Managed Health Center**
3. **Delaware Physical Therapy Clinic**
4. **BADER Treadmill Lab**
5. **Muscle Performance & Tendon Research Lab**
6. **Kinesiology & Applied Physiology Exercise Intervention Lab**
7. **Cardiovascular Core Lab**
8. **Nurse Managed Health Center**
9. **Delaware PT Clinic**
10. **Speech-Language-Hearing Clinic**
11. **Go Baby, Go Café**
12. **Atrium/Student Commons**
13. **Pediatric Mobility Lab & Design Studio**
14. **Neuromuscular Biomechanics Lab**
15. **Neuromotor Behavior Lab**
16. **Move 2 Learn Innovation Lab**

**12**

**13**

**2**

**3**

**1**

Translation Hallway

**14**

**11**

**10**

**8**

**9**

**8**

**7**

**6**

**5**

**4**

**STAR HEALTH SCIENCES “SELF-GUIDED” TOUR**

1. **Speech-Language-Hearing Clinic** – Clinicians see children & adults suspected of having communication disorders (i.e. articulation, voice, motor speech disorders, swallowing disorders, cognitive-communication, and oral and written language) to evaluate their speech and language behavior.
2. **Go Baby, Go Café** – This café is a collaboration between the College of Health Sciences, the UDairy Creamery, and Enlighten, LLC. Within this microenvironment, a brain trauma survivor can learn job-related skills that involve standing and walking before they can stand and walk on their own. To the consumer, this is a shop serving food and UD Creamery ice cream. To the staff/faculty, it’s a supportive environment that can take them from volunteer to hourly wage to franchise owner.
3. **Atrium/Student Commons** – Area utilized for large gatherings/events.
4. **Pediatric Mobility Lab & Design Studio** – Look for our little “showroom floor” of adapted cars! Research is focused on improving social engagement and mobility for children with disabilities. Patented smart garments with flexible exoskeletons have also been designed (in partnership with UD’s Fashion Design program) to provide stability for kids with low tone disorders so they can be more mobile. <http://www.udel.edu/gobabygo> Also research focuses on improving physical function of kids with Cerebral Palsy by developing training approaches and technologies to enhance strength, fitness and participation.
5. **Neuromuscular Biomechanics Lab** – Studies in this lab focus on muscles and how the brain makes them function.
6. **Neuromotor Behavior Lab** –Research participants are able to participate in stroke studies that focus on the recovery of walking after a stroke.
7. **Move to Learn Innovation Lab** – Researchers work with infants and children with autism, as well as infants with brain injuries.
8. **BADER Treadmill Lab** – This is where researchers from exercise science, applied physiology, biomechanics, engineering, and physical therapy collaborate to develop orthopedic rehabilitation devices and novel treatment strategies for Wounded Warriors. [http://bader-c.org](http://bader-c.org/)
9. **Muscle Performance & Tendon Research Lab** – Research in this lab centers on stroke rehabilitation, specifically improving the walking of stroke patients as well as tendon research.
10. **Kinesiology & Applied Physiology Exercise Intervention Lab** –Research focuses on how exercise impacts diseases (recent study chronic kidney disease 12 weeks before, during and after exercise, blood vessel dysfunction, etc).
11. **Cardiovascular Core Lab** –Our faculty and graduate students are using this space to study the mechanisms and consequences of declining cardiovascular function as well as interventions to improve cardiovascular health.
12. **Bone Density Lab** - Research in this lab focuses on (1) understanding the mechanical signals and nutrients that optimize growth and development of the musculoskeletal system and (2) the development and application of techniques that enable a detailed assessment of musculoskeletal health in humans.
13. **Nurse Managed Health Center** – This is a primary care facility run by nurse practitioners. The clinic is open to the public and includes 6 exam rooms. Most insurances are accepted and flu shots are available to walk-ins. Patients can also benefit from collaboration with outside physicians/specialists, including nutritionists, speech pathologists, Parkinson’s disease experts, as well as wellness specialists. [http://www.udel.edu/nmhc](http://www.udel.edu/nmhc/)

**\*\*NOTE:** To the left of the entrance is the clinic sign that was located in the Chrysler plant clinic, and to the right of the entrance is a portion of the mural that recorded the timeline of vehicles assembled at the plant. (The mural began with a rendering of the tank built for the Korean War, which is located on the wall behind the clinic sign.)

1. **Delaware Physical Therapy Clinic** – This is a physical therapy clinic and is open to the public. Most insurances are accepted. A 6-minute walking trail starts in the clinic and goes out onto main concourse – you’ll see the line along the floor. A harness system has been added for use by patients during rehab to eliminate chance of falling. [http://www.udptclinic.com](http://www.udptclinic.coml)