



June 19

Extended Tour of the STAR Campus

Participants in the Global Delaware June 19th event will have an extended tour of the Science, Technology & Advanced Research (STAR) Campus at University of Delaware, to include:

SCIENCE

- **Department of Physical Therapy**, ranked #2 in the nation.
- **Bader Consortium Treadmill Lab**, advance orthopedic rehabilitation research in orthotics and prosthetics for Wounded Warriors.
- **Neurophysiology Labs**, using cutting edge technology to measure the levels of brain activity through transcranial magnetic stimulation and transcranial direct current stimulation.
- **Healthcare Theatre** utilizes nursing students and theatre students for practical training
- **State-of-the-art core labs** for research and education in muscle performance, gait analysis, anatomy, pediatric mobility, cardiovascular disease, biochemical and biomarker analysis, and orthopedic rehabilitation.

TECHNOLOGY

- **GoBabyGo**, adapting battery operated cars off-the-shelf into rehabilitative devices for children who have trouble moving on their own.
- **Telehealth** is a new healthcare innovation utilized in the Nurse Managed Health Care Center for a statewide Parkinson's Clinic
- **PDShoe** is a device that delivers a tactile vibration to the foot of the wearer; while testing the impact of vibration of people with Parkinson's disease who experience freezing of gait.
- **SEnsole** is a device that measures characteristics of gait in the real world setting and is currently testing the ability of the shoe to discern different gait characteristics in people with and without pathological gait issues.
- **eV2g**, equipping a fleet of vehicles to act as a reserve for a power grid, discharging electricity when needed.
- **Bloom Energy East Coast Fuel Cell Manufacturing Center** creates Energy Servers™ and powers Apple Inc.'s southern data center.

ADVANCED RESEARCH

- **Delaware Center for Translational Research**, performing extensive clinical trials and research examining a wide range of subjects from regenerative medicine and nanotechnology, to a robotic shoe to help patients with Parkinson's walk.
- **Delaware Rehabilitation Institute**, a leading national center for physical rehabilitation research
- **NMHC** a primary care facility run by nurse practitioners that focuses on new healthcare innovation research.
- **Speech Language Hearing Clinic** coming soon!

WET LAB INCUBATOR SPACE FOR START-UPS

A brand new, state-of-the-art **Wet Lab Incubator** is under development to include 10,000 square feet of wet labs, offices and shared services. 10 private laboratory spaces, from 250 – 1,000 square feet.

Occupancy is scheduled for the fourth quarter of 2015.