ASC Building Features

- $107 M in funding provided by Connect NC Bond (March, 2016) and NC General Assembly
- 225,000 square feet (equal to five acres total floor space under roof)
- First facility of its kind in the nation
- Energy conservation systems include
  - high-performance building envelope systems
  - High efficiency fans, variable volume air, and exhaust air energy recovery
  - high plume laboratory exhaust systems with energy recovery
  - Of occupancy sensors to not only shut off lights when unoccupied but also to control air handling systems
- Employee and Environmental safety systems
- High intensity UV lights to treat air stream
- Bipolar Ionization system to clean indoor-air
- Pathological Incineration Waste System
- Laboratory waste water and effluent decontamination system

Opportunities offered by the ASC

- Flexible laboratory space to facilitate expansion into new and/or expanded analytical program areas such as swine testing, farmer forage, hemp, and alternate fuels/biodiesel.
- Designated spaces for new laboratory programs such as chronic wasting disease and whole genome sequencing testing.
- Elevated biosafety level (BSL-3) laboratory space to support testing of high-risk human and animal pathogens to provide rapid detection and response.
- Expanded, state-of-the-art training facilities to provide faster, cost-effective training/certification of pesticide applicators, maintaining and expanding the workforce

Serving North Carolina’s #1 Industry

- Agriculture is the backbone of NC’s economy, with a $92.7 billion economic impact
- Agribusiness employs 17% of NC workforce
- Cropland and livestock farms present in all 100 NC counties
- ASC testing services offered at low or no cost to farmers