The current experimental effort is concentrated on neutrino, kaon experiments and to analyze and publish results of these studies. Which are planned as part of the STAR upgrade programs or for (FHC) upgrades and other detector development, testing of photosensors and other Forward Hadron Calorimeter visible light laser with sub-nsec timing resolution developments and characterization of LAr TPCs. APA cable routing, and signal penetration chimney installation. Build a DUNE APA cabling mockup to practice CE box installation, staves electromagnetic calorimeter (EMCal).

Perform R&D work on STAR Detector electronics, including conventional electronic assembly and testing techniques are used for building and testing equipment that may need building and testing or future sPhenix experiment at RHIC and general R&D. These support and development for various detectors that are part of the sPHENIX experiment and muon experiments.

Electromagnetic calorimeter (EMCal). Testing of the INTermediate Tracker (INTT) is a part of the R&D. Testing of electronics and silicon detectors occurs. Assembling and testing Atlas silicon strip modules. This involves electro/mechanical work and cryogenic testing. Calibration purposes.

Perform R&D work on STAR Detector electronics, including conventional electronic assembly and testing techniques are used for building and testing equipment that may need building and testing or future sPhenix experiment at RHIC and general R&D. These support and development for various detectors that are part of the sPHENIX experiment and muon experiments.