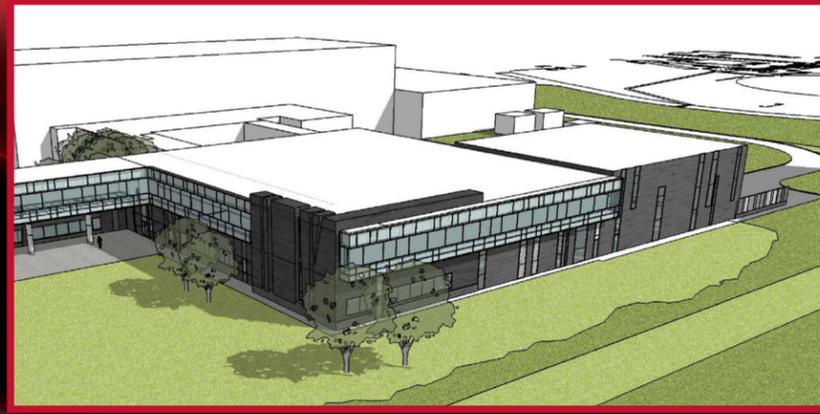


Jefferson Lab

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1. 12 GeV Upgrade Project, \$65 million

For purchase of components for SRF accelerator cryomodules, the Central Helium Liquefier Coldbox (CHL) and accelerator magnets

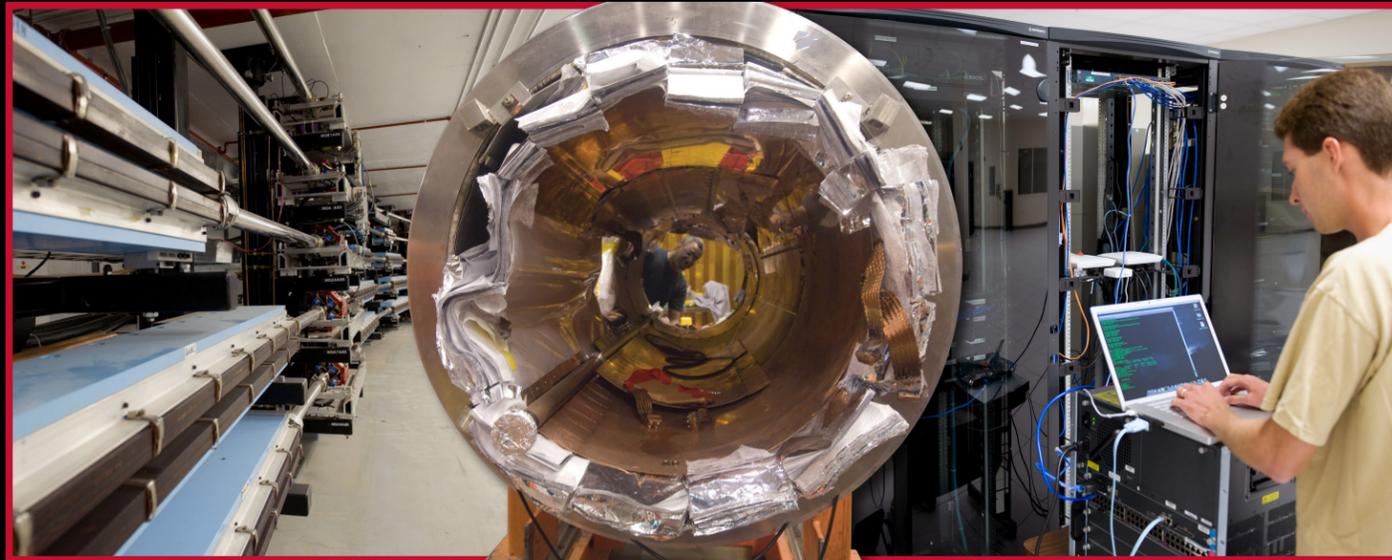


2. Infrastructure Projects, \$10 million

For building upgrades and expansions and road & parking improvements to improve efficiency, reduce maintenance, enhance safety and expand capability

3. LQCD Stimulus, \$4.9 million

For support of national LQCD computing (Lattice Quantum ChromoDynamics), a computational field employing large-scale numerical calculations to extract predictions of the Standard Model



4. AIP Stimulus, \$2. Million

Nuclear Physics operations support provided for accelerator improvement projects designed to optimize operations, increasing scientific productivity (11 GeV RF Separator)

5. HEP Stimulus, \$1.9 million

For SRF advancements and improvements: R&D of thin film SRF surfaces for accelerator cavities, a 1.3 GHz cavity to test the limits of SRF materials, and to research the use of laser heating RF hotspots in niobium cavities to improve SRF cavity performance

6. NP Stimulus, \$1.8 million

R&D to improve processing of SRF accelerating cavities, development of a suite of SRF cavities and an accompanying low-cost test cryostat for nuclear physics, light sources and driven-systems applications

Putting America to Work

