

Clemson's Commitment to Education and Economic Development 2012

FY2012-13 Budget Request

Clemson University is undergoing a transformation into a nationally ranked public research university by making investments to provide talent for the new economy; drive innovation that stimulates economic growth and serve the public good by addressing some of the great challenges of our time.

To ensure that South Carolina is strategically positioned to compete and succeed in the global economy requires that the state invest in its knowledge base by funding the higher education of the next generation of students who will be responsible for advancing the knowledge-based economy in the state.

Recurring Budget

We are requesting \$14 million in recurring funding to invest in these critical areas.

Faculty in Industry Cluster Areas \$5 million

Hire 86 new faculty members in five focus areas aligned with state economic development priorities to allow Clemson to continue generating the innovations that stimulate economic growth, create jobs and help solve major issues facing our society today.

Undergraduate Student Engagement Programs in Creative Inquiry, Internships and Co-Ops \$3 million

Create new internal co-op and internship opportunities at Clemson locations on campus and across the state. This model uses the campus as a laboratory and gives students professional-level work experiences running the university as a business and a machine.

High Performance Computing \$1 million

Enhance Clemson's technology portfolio to provide support systems that reduce costs and increase productivity, including digital library resources, a new student information system and upgraded business systems. Increase the number and quality of technology-enhanced classrooms and conference facilities.

Clemson University Restoration Institute (CURI) \$3 million

Develop a knowledge-based export-oriented industry cluster in the Lowcountry focused on energy systems positioning South Carolina as the premier home of knowledge and expertise.

Greenwood Genetics Center \$2 million

Fund a collaborative teaching and research program between Clemson University and the Greenwood Genetics Center. This program and partnership will focus on joint projects involving bioinformatics, genetic sequencing, functional genomics, and plant and animal research related to genetic diseases. The goal of this program will be to attract significant federal funding through NIH and NSF and develop intellectual property which will lead to private sector investment around this research area.

Capital Budget

To accomplish its mission, Clemson University must have buildings to support today's teaching methods and research which also provide a safe environment to learn and work. We are requesting funding for four capital improvement projects:

Clemson University Restoration Institute (CURI) Power Engineering Project \$3 million

Leverage planned federal, state and private investments in the wind-turbine drivetrain testing facility through additional state and private funds for equipment to support research and testing needs of the state's electric power utility companies.

Deferred Maintenance \$15 million

To upgrade building mechanical systems, underground and overhead electrical infrastructure, and steam and chilled water distribution lines throughout the campus.

Holtzendorff Hall \$10 million

Renovation will allow for repurposing of space for office and instructional space deficiencies while moving research and class labs to better locations in modernized facilities for general engineering, education and engineering science classes.

Long Hall \$18 million

This 75 year-old building housing the biological sciences department is currently operating at 28% of its capacity. Improvements will include classrooms, common areas and conversion of research labs to teaching labs.

