

EARL L. "BUDDY" CARTER
FIRST DISTRICT OF GEORGIA

HOUSE COMMITTEE ON
ENERGY AND COMMERCE

SUBCOMMITTEE ON
HEALTH

SUBCOMMITTEE ON
COMMUNICATIONS AND TECHNOLOGY

SUBCOMMITTEE ON ENVIRONMENT

HOUSE COMMITTEE ON
THE BUDGET

Congress of the United States
House of Representatives
Washington, DC 20515-1001

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March 19, 2026

The Honorable Tom Cole
Chairman
Committee on Appropriations
H-305, the Capitol
Washington, D.C. 20515

The Honorable Rosa DeLauro
Ranking Member
Committee on Appropriations
1036 Longworth House Office Building
Washington, D.C. 20515

Dear Chairman Cole and Ranking Member DeLauro,

I am requesting funding for Georgia Southern University's Biomedical and Chemical Analysis Investment project in Fiscal Year 2027. The entity to receive funding for this project is Georgia Southern University. The funding will help Georgia Southern to acquire a 600 MHz nuclear magnetic resonance (NMR) spectrometer with a 600 MHz superconducting magnet, automated sample handling, and high-sensitivity cryogenic detection. The instrument will be installed on the Armstrong Campus in Savannah and operated as a shared regional lab facility serving Georgia Southern and partner institutions across Coastal and Southeast Georgia. This high-field NMR will provide state-of-the-art capabilities for quantitative molecular structure determination and dynamics, enabling work that is currently impossible or impractical with existing instrumentation on campus and in the region. Priority applications include: (1) cancer and other biomedical metabolomics and structure-guided drug design; (2) quantitative analysis of emerging contaminants such as PFAS and microplastics and assessment of water purity; and (3) characterization of soft-matter and advanced materials for energy and manufacturing. These capabilities directly support NIST's mission in measurement science, standards, and technology, particularly in high-precision chemical and materials metrology.

The project has a federal nexus because the funding provided is for purposes authorized by Section 272 of Title 15, USC

I certify that I have no financial interest in this project, and neither does anyone in my immediate family.

Sincerely,



Earl L. "Buddy" Carter
Member of Congress