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OHIO, 3RD DISTRICT
COMMITTEE ON
FINANCIAL SERVICES
RANKING MEMBER, SUBCOMMITTEE ON
NATIONAL SECURITY, ILLICIT FINANCE,
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Congress of the United States
House of Representatives
Washington, DC 20515-3503

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March 13, 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 HOB
Washington, D.C. 20515

Dear Chairman Cole and Ranking Member DeLauro,

I am requesting funding for Biomechanical Skeletal Fatigue Research in Fiscal Year 2027. The entity to receive funding for this project is The Ohio State University, located at The Ohio State University, Injury Biomechanics Research Center, 2066 Graves Hall, 333 W. 10th Avenue Columbus, OH 43210. The funding would be used to acquire a high resolution nano CT scanner to advance measurement science and materials characterization of skeletal tissue and other complex materials. This capability is essential for quantifying how microscopic structural features respond to repeated mechanical loading—information that cannot be captured with standard clinical imaging. Understanding these fatigue related processes is critical for addressing bone stress injuries in military and civilian populations, a major source of musculoskeletal disability and economic burden.

The project is an appropriate use of taxpayer funds because it will help reduce bone stress injuries, which are a major source of musculoskeletal disability and economic burden in both military and civilian populations. The system will also advance understanding of osteoporosis by enabling precise evaluation of microarchitectural deterioration and early detection of structural vulnerabilities that increase fracture risk. In addition, it will support sports medicine and injury-prevention research by capturing how tissues respond to high-impact or repetitive loading, benefiting the district's large community of collegiate and recreational athletes.

The project has a federal nexus because the funding provided is for purposes described in section 272 of title 15, United States Code.

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

Sincerely,

A handwritten signature in blue ink that reads "Joyce Beatty". The signature is written in a cursive style with a large initial "J" and a long, sweeping underline.

Joyce Beatty
Member of Congress