

## EXECUTIVE SUMMARY

Principles for the Future of Biomedical Research **in the U.S.** and Optimizing the National Institutes of Health:

# A Presidential Advisory from the American Heart Association

**The American Heart Association (AHA) has issued a Presidential Advisory to outline principles aimed at shaping the future of biomedical and population-based research in the U.S. and optimizing the National Institutes of Health (NIH).**

With a longstanding bipartisan commitment, U.S. investments in research have driven groundbreaking advancements that have **significantly reduced cardiovascular disease (CVD) and stroke deaths** over the last seven decades. This public investment has also produced important economic returns, including **supporting more than 400,000 jobs and roughly \$93 billion in economic activity** in the U.S.. Despite these achievements, public funding has not kept pace with inflation or the growing burden of disease.



As a trusted advocate for patients, clinicians, and scientists, the AHA proposes **the following principle** to ensure continued innovation, efficiency, and impact in biomedical **and population-based** research. **Key priorities include:**



**Prioritizing novel, innovative, and impactful research through a coordinated strategy**



**Optimizing the NIH peer review process**



**Leading in translating evidence into practice**



**Supporting the current and future biomedical workforce**



**Ensuring robust and reliable public investment for the future**

This advisory aligns with the AHA's mission to promote longer, healthier lives and builds upon its legacy of funding over 47,000 research projects since 1949. With rates of CVD and related conditions on the rise, this advisory also emphasizes **prioritizing research that addresses health disparities, enhances rural and women's health, and tackles emerging conditions** such as cardiovascular-kidney-metabolic syndrome.

### Strategic Timing and Broader Impact

The principles outlined in this advisory are **timely**, aligning with congressional and administrative discussions about NIH and other federally-funded research investments. With this advisory, the AHA aims to **inform policymakers, research leaders, and public health advocates.**

**This call to action underscores the urgency of preserving the U.S.'s position as a global leader in biomedical research and public health innovation.**



American Heart Association.