

Gold Standard Science

In 2025, the administration issued an [Executive Order](#) to establish elements of "Gold Standard Science" (GSS) across the federal research enterprise. Since then, many federal agencies have adopted implementation plans. Georgia Tech is committed to conducting and supporting research consistent with the principles of GSS. These principles align closely with longstanding standards of scientific integrity and responsible conduct of research that have guided Georgia Tech's research enterprise for decades. Through its culture of research excellence and established framework of research integrity, research security, compliance, and oversight, Georgia Tech promotes rigorous, transparent, objective, and accountable research throughout the research lifecycle.



Under the EO, Gold Standard Science means science conducted in a manner that is:

- (i) reproducible;
- (ii) transparent;
- (iii) communicative of error and uncertainty;
- (iv) collaborative and interdisciplinary;
- (v) skeptical of its findings and assumptions;
- (vi) structured for falsifiability of hypotheses;
- (vii) subject to unbiased peer review;
- (viii) accepting of negative results as positive outcomes; and
- (ix) without conflicts of interest.

Federal Research Agency Implementation Plans

[Department of Commerce \(includes NOAA, NWS\)](#)

[Department of Education \(ED\)](#)

[Department of Energy \(DOE\)](#)

[Department of the Interior \(DOI\)](#)

[Department of Labor \(DOL\)](#)

[Food and Drug Administration \(FDA\)](#)

[Health and Human Services \(HHS\)](#)

[National Aeronautics and Space Administration \(NASA\)](#)

[National Institutes of Health \(NIH\)](#)

[National Science Foundation \(NSF\)](#)

[US Department of Agriculture \(USDA\)](#)