



American
Heart
Association®

Transparency of Processes and Data as Remedies Against Misinformation

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RESEARCH: The Foundation of our Work



\$5.7 BILLION
since 1949

1,700
active awards

\$479 million
committed

2,234
volunteers reviewed

3,775
proposals in
2022-23

Why We Care About Open Activities

The AHA invests heavily in research to **accelerate** the pace of scientific discovery, **encourage** innovation, **enrich** education, and **improve** the public good.

We recognize that scientific investigation advances only through **sharing of methods and results**, and the value of an investment in research is only maximized through **wide use** of this information.

Why We Care About Open Activities

Open science activities can

- Facilitate increased **discoverability** and **reusability**. This reduces the gaps in the research cycle and makes it easier for interested parties to pursue promising investigative directions.
- It **lessens** the likelihood that multiple laboratories will be pursuing **duplicative research** in siloed environments.
- It **decreases** the potential for **data miscalculation, misinterpretation, manipulation, and fraud** by opening raw results up to the **broader community**.
- It also encourages the **broadest possible audience** to access and build upon research results.

Timeline of Open Science Activities



Not Just the Data

Our policy pages, recommendations and FAQs are continually evolving and address sharing **more** than just the data and pubs.

They address factual data as well as code, protocols, preprints, and other (non-article) building blocks that allow others to verify the work, detect errors, and **build upon** the research, **improving accuracy** and **reducing the potential for misinformation**.

Preregistration

Required for funded clinical trials and **encouraged** for any studies that make an inferential claim from a sampled group or population, as well as studies that are reporting and testing hypotheses.

Value of PIDs

AHA emphasizes the use of persistent identifies **throughout** the research process.

- Require applicants to have an Open Researcher and Contributor Identifier (**ORCID**)
- Generate Digital Object Identifiers (**DOIs**) for each award and collect DOIs for research outputs
- **Push** award and peer review information to ORCIDs when authorized
- **Education** on value and use

Current Happenings at AHA

- Modified Data Sharing policy to match earlier due date now used by NIH
- Piloted open science training from the Center for Open Science for groups of strategic awardees
- Compliance Manager position created
- Multi-step journey

QUESTIONS?

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