Open Science Learning Community

Cochairs:

Al Towers
Senior Associate Director, Medical and Scientific Relations, Alzheimer's Association

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Open Science Website *(where resources live)*:

https://www.healthra.org/communities/open-science-task-force/

Health Research Alliance

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Open Science Community Mission

The Open Science Learning Community will identify and curate resources for HRA member organizations to help:

- Inform their decision-making processes in the implementation of open science policies,
- facilitate implementation of open science policies, and
- influence the advancement of open science.

Today's Open Science Discussion

- History of Open Science Learning Community
- Survey Results

Open Science Learning Community History

- Began life as the Open Science Task Force coinciding with the launch of HRA Open
- HRA Members Meeting 2015
- 2 separate communities
    - Open Science
    - Data Sharing

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Open Science Learning Community History

- Expanded in 2022 as the "Exploring the Value of Open" Program

- Leveraged the "2023 Federal year of Open Science Initiative"
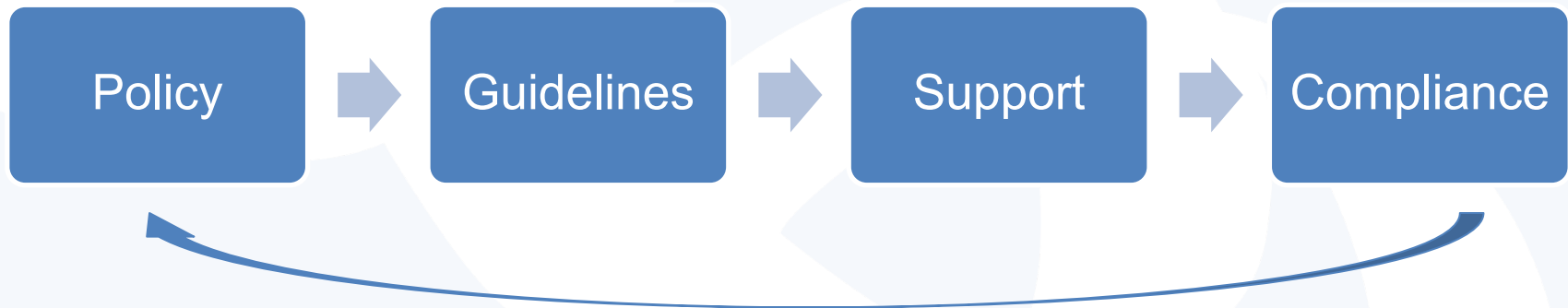
- "Birds of a Feather" Series

Kristen Ratan, Stratos

Jennifer Kemp, Stratos

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Open Science Learning Community History

- Rebranded in 2022 as the "Exploring the Value of Open" Program

Policy → Guidelines → Support → Compliance

Open Science Learning Community History

- "Exploring the Value of Open" Program – Birds of a Feather Series

Stratos

Updated 23 Feb 2023

Action Area	Encourage	Require	Support	Rules	Options and best practices
ORCIDs	Encourage that all grantees and their trainees have ORCIDs	ORCIDs at the time of grant proposal submission	Enable and support ORCID signup through proposal process	Use ORCIDs with publications and other outputs. In ORCID record, add affiliations, set funders as "trusted"	Give permission for "auto-update" tying ORCIDs to publications
Articles	Encourage gold/diamond OA journals or green OA in repositories without embargo	Require OA per CoalitionS-type policies	Require and support OA through guidelines, how-tos, and staff help	DOI, CC-BY license	make freely available through HRA Open, a repository, with CC-BY licence and ensure RRS
Preregistration	Encourage preregistration that specifies a research plan in advance and submits it to a registry	Require preregistration be open upon submission	Facilitate and help preregistration	Discoverable (DOI preferred)	Make publicly open immediately, ensure DOI
Preprints	Encourage preprints upon or before journal submission	Require preprints in an open and nonprofit service	Guidelines, how-tos, and staff help	DOI, CC-BY license	Post to recognized preprint service that reserves author rights
Datasets	Encourage a data availability statement on accessing datasets underpinning publications	Require dataset sharing through FAIR repositories	Require and facilitate data sharing through FAIR repositories	DOI, open license, cited in publications	Curate datasets with accurate and complete metadata, contributorship, and usage notes
Code	Encourage a code availability statement on accessing software underpinning publications	Require code sharing through open repositories such as Github	Facilicate code sharing and persistent storage	DOI, ORCID or other real name, cited in publications	Curate code with accurate and complete metadata, contributorship, and usage notes and DOI assigned. Consider a repository record pointing to code
Resources/materials	Encourage an availability statement explaining how to access tangible materials underpinning publications	Require registering and sharing through Addgene, Scicrunch or other open respository	Facilitate registration and sharing through Addgene, Scicrunch or other open respository	RRID	Post detailed records of real world resources and materials into a repository associated with SciCrunch
Protocols	Encourage an availability statement explaining how to access detailed protocols underpinning publications	Require open sharing through Protocols.io, Zenodo, or other open respository	Facilitate and support sharing through Protocols.io, Zenodo, or other open respository	DOI, CC-BY license	Post protocols in full in a repository, preferably one that specializes in protocols and assigns DOIs

Open Science Learning Community

HRA Open

https://www.healthra.org/hra-platforms/hra-open/

HRA Open

[HRA Open](#) is a web-based service sponsored by the HRA enabling HRA member-funded awardees to link grant support to awardees' research outputs.

There are 3 prerequisites to participation:
1. Grant records must be in HRA Analyzer
2. You must complete a Participation Request Form (see the bottom of this page)
3. Your awardees must have an ORCID

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HRA Open

- [Template Open Access Policy](#) – for use by organizations wishing to participate in HRA Open
- [HRA Open Guide for Awardees](#)
- [Sample language](#) to notify publishers of public access policy
- [Sample language](#) for modification to comply with funder
- Link to the [HRA Open portal](#)
- NIH Manuscript submission page for tutorials.   https://www.nihms.nih.gov/help/tutorials/
- [HRA Open administrator guide](#). Staff at HRA member organizations are the administrators of this system.
- [Template email](#) to invite your awardees to deposit their publications and other research outputs using HRA Open.
- Link to [PMC and Research Funder Policies](#)
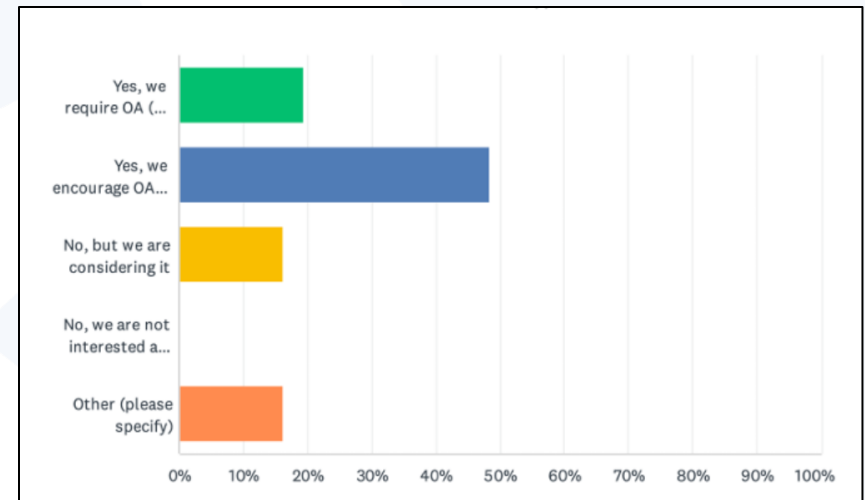- Search for articles deposited by HRA member-funded awardees **[here](#)**

Other Resources

- [NASEM Toolkit for Fostering Open Science Practices](#)
- [HRA Open Science Policy Worksheet (from Stratos)](#)
- [HRA Open Health Open Research, an F1000 Platform](#)

Open Science Survey Results from Member Organizations
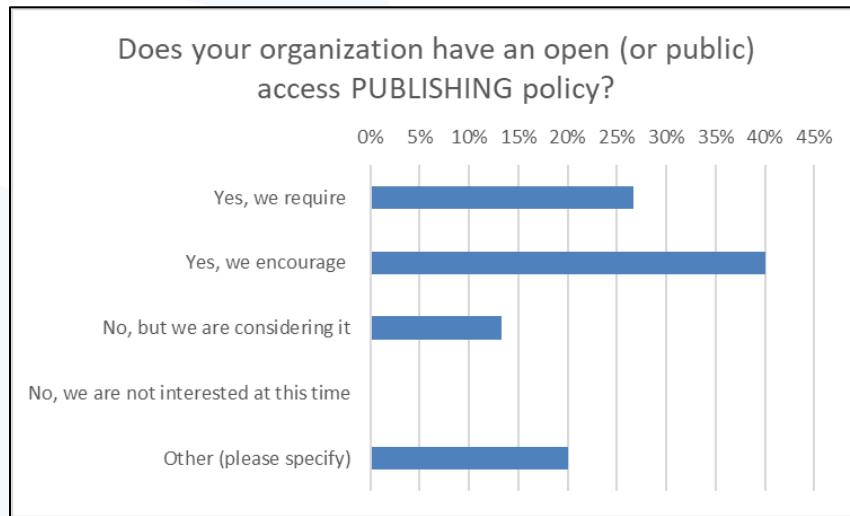
2024

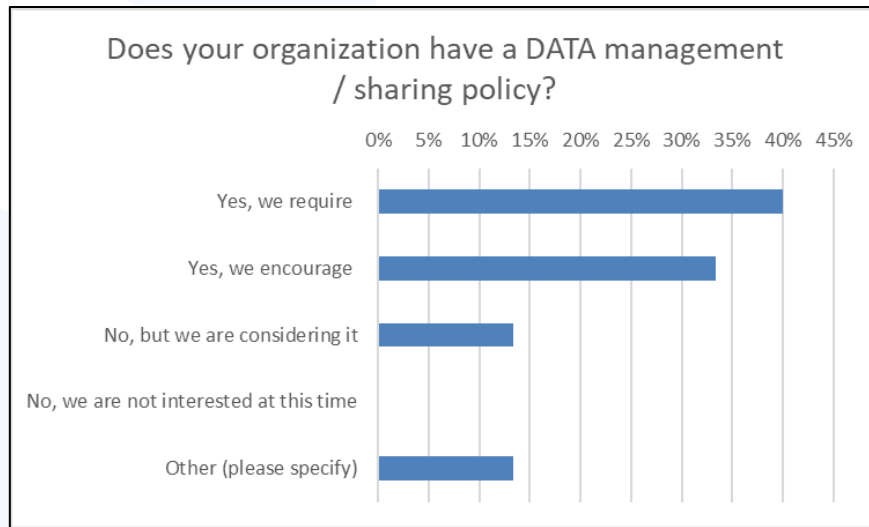2023

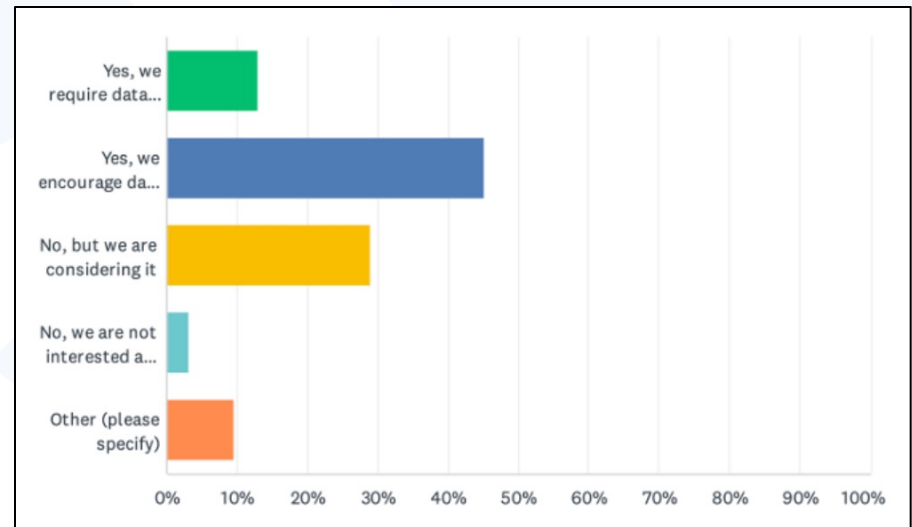
- Largely Unchanged
- Others – Varies by Program, Provides funding

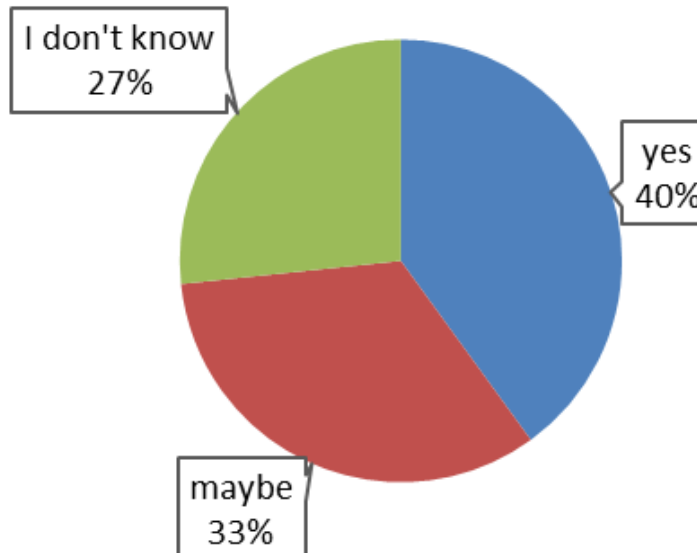# Open Science Survey Results from Member Organizations

2024   2023

- Many more "Requires"

- Everyone is interested

- Others – Varies by Program

Open Science Survey Results from Member Organizations

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Open Science Survey Results from Member Organizations

Are you interested in more information on any of the following open research topics?

Analyzing or monitoring grantee compliance with various open research practices	80%
Understanding data repositories, metadata, data standards, persistent identifiers for research outputs, and related services	60%
Facilitating or supporting open research practices among grantees	53%
Exploring or developing data sharing policies	47%
Exploring or developing open access policies	40%
Exploring the value of preprints	13%
Exploring the value of preregistration	13%

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Thanks!

Q&A

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