Understanding New Guidelines for Federally Funded Research

WHAT’S CHANGING, AND WHAT IT MIGHT MEAN TO YOU

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What is Open Access?

Open Access is freely available content on the internet that is available to everyone without restriction. This includes text, video, audio, software, and multimedia.

Making scholarly materials open has many benefits to readers, authors, and researchers, and there are lots of ways to do that!
Open Access Week

This week is devoted to OA events & outreach

◦ Please see my blog post!
◦ Keep your eye out for future events

And of course, I can always answer questions about open access, academic publishing, and other scholarly communication issues

◦ Nancy.Foasberg@qc.cuny.edu
The Nelson Memo

Ensuring Free, Immediate, and Equitable Access to Federally Funded Research

Guidance for federal granting agencies

Goal: Increase public access to federally funded research

- Expansion of previous memo
- Focus on making research results available in repositories
- Implementation is still a work in progress

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY
WASHINGTON, D.C. 20502

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MEMORANDUM FOR THE HEADS OF EXECUTIVE DEPARTMENTS AND AGENCIES

FROM: Dr. Alondra Nelson
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Performing the Duties of Director
Office of Science and Technology Policy (OSTP)
What is Federally Funded Research?

Federally Funded Research and Development Centers (FFRDCs) are either exclusively or substantially financed by the U.S. Federal Government.

Federally Funded also includes funding for research or institutional support provided by a grant or contract with the U.S. Federal Government or agency. An example of a federal agency is the National Institute of Health.
Major Changes

Covers *all* federal funding agencies

Eliminates one-year embargo

New requirements for metadata and machine readability

Sharing data (and other materials)
Public Access – what’s required?

The public must be able to access federally funded research

*Repository-based access*
- Agencies will identify repositories to fulfill these requirements
- There are no requirements as to where you publish your research

No requirement for a specific license (but must allow reuse)

Which version should be shared?
Big Changes: Which Agencies are Covered?

All!

- Under the previous memo, only the biggest Humanities and Social Science grants as well as STEM grants Agencies have some leeway to set parameters
  - Where to deposit
  - Conditions of deposit

How might this affect my research?

- It’s more likely that your funding agency will be covered under this policy
- Different agencies will have different rules, so you will need to check what’s needed for your grants
Big Changes: Eliminating the Embargo

Previous memo: Publishers were allowed to set a one-year embargo between publication and open access

Current memo: immediate access required

COVID as a case study

How will the publishers react?

How might this affect my research?

• Your research will become available sooner! This means more people can access, read, and cite it.
• Publishers may impose or increase extra fees. You can write these into your grant, or take them into consideration when choosing a publisher.
Big Changes: Metadata and Machine Readability

Machine readability
- Accessibility
- Text/data mining and other uses

Metadata
- Persistent article/author identifiers
- Funding sources

How might this affect my research?
- You need an ORCID. There are lots of other good reasons to get an ORCID profile if you don’t already have one
- Persistent article identifiers may make it easier to direct people to your work
A Quick Tour of the ORCID Record
Big Changes: Data and More

Sharing data
- Some exceptions
- Need for new platforms

Preparing for this!
- Data documentation
- Data Management Plans
- Data repositories

How might this affect my research?
- More important than ever to keep your data neat and manageable
- It will be easier to build on the published research.
Timeline

2023
- Develop public access plans
- Agencies already covered – due February
- Other agencies - due August

2024
- Full policy development due - December

2025
- Implementation – one year after policy submitted
How do I find Open Access Content?

Open Access Directory (OAD) provides a list of various OA repositories. The list is maintained by the OA community.

OAD provides a list of repositories by discipline
  ◦ AgriXiv (Agriculture)
  ◦ bioRxiv (reprint server of Biology operated by Cold Spring Harbor Laboratory)
  ◦ OER Commons (Education)
  ◦ Arxiv (Physics, mathematics, computer science, quantitative biology, and statistics.)
  ◦ PubMed Central (Medicine)
  ◦ ScienceOpen (platform to search millions of OA articles)
  ◦ Social Science Research Network (SSRN)
  ◦ SportRxiv (The subject repository for sport, exercise and physical activity related research)
Other OA Resources

**OAlster** – a union catalogue of millions of OA content.

**BASE** (Bielefeld Academic Search Engine) – a global, academic search engine with about 60% of OA content

**Directory of Open Access Journals** (DOAJ) – access to OA, peer-reviewed journals

**Directory of Open Access Books** (DOAB) – access to OA, scholarly books

**OAPEN** – OA books

**Digital Public Library of America** – images, texts, videos, etc.

**PLoS** – Public Library of Science
Open Access

Browser Extensions

- **Open Access Button** – You may enter the article details on the site or download the browser extension for Chrome or Firefox.
- **Unpaywall** – You may enter the article details on the site or download the browser extension for Chrome or Firefox.
- Unpaywall extension is automatically available in **OneSearch**.
Open Access Content in OneSearch
Unpaywall extension in OneSearch
Open Access and Google Scholar

We recommend you use the proxied Google Scholar via the A-Z Database List to provide both OA and QC/CUNY subscribed content.
A-Z Database List review: Getting started and keeping the momentum

Sagarin, Saul

Available Online

Send to

View Online

Details

Title
A-Z Database List review: Getting started and keeping the momentum

Creator
Sagarin, Saul

Subject
electronic resource management

database

Area and Humanities

Description
Libraries have multiple portals to access their electronic resources. At Queens College, the two access portals are the catalog, Dix B. Britz, and the SunyPAC-A-Z Database List. The most recent comprehensive review of the A-Z Database List was conducted five years ago by the previous electronic resources librarian. As such, the list had multiple formats for displaying information and lacked consistency. The supporting information for the overall layout of the list was not helpful to users. The library staff users should be able to search for the resources they want without getting bogged down by unnecessary jargon, inconsistencies, and so forth. It was not difficult to get buy-in for the comprehensive review. Librarians agreed that the list lacked consistency and a review was needed. Beyond that there was little concern. Where do we start? How do we approach this?

Publisher
CUNY Academic Works

Format
application/pdf
What initiatives are we taking at the library?

We continue to ensure the discoverability of Open Access content in OneSearch.

CUNY Academic Works content is indexed and available via OneSearch.

If you would like something to be added to OneSearch, please email me directly at sonali.Sugrim@qc.cuny.edu or technicalservices@qc-cuny.libanswers.com
Bibliography on the White House Memo

Fact Sheet: White House OSTP Memo on Ensuring Free, Immediate, and Equitable Access to Federally Funded Research. SPARC.


“Zero Embargo.” The Brief, Clarke & Esposito, August 2022.
Bibliography on Discoverability of Open Access Content:


“Open Access Explained!” *YouTube*, Uploaded by PhD Comics 25 October 2012 [https://www.youtube.com/watch?v=L5rVH1KGBCY](https://www.youtube.com/watch?v=L5rVH1KGBCY).


Questions and Answers!