

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 Explained!](#)

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

August 25, 2022

MEMORANDUM FOR THE HEADS OF EXECUTIVE DEPARTMENTS AND AGENCIES

FROM: Dr. Alondra Nelson 
Deputy Assistant to the President and Deputy Director for Science and Society
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

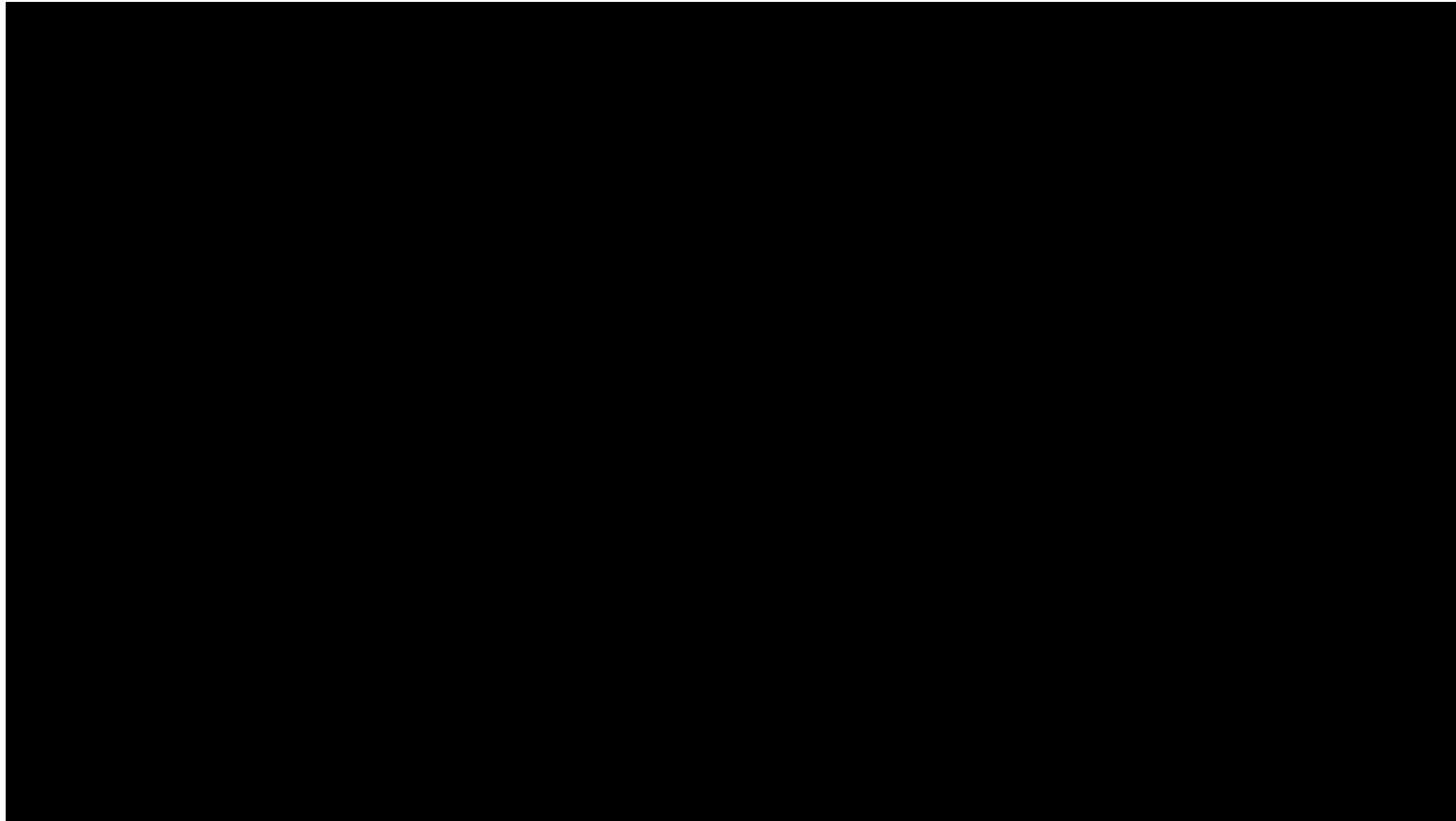
- Persistent article/author identifiers
- Funding sources



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


The screenshot displays the Queens College OneSearch interface. At the top, the navigation bar includes links for ONESEARCH, JOURNAL SEARCH, VIDEO SEARCH, BROWSE SEARCH, CITATION SEARCH, and FEATURED COLLECTIONS. A search bar contains the text "heart attack". Below the search bar, a yellow banner prompts users to "Save your results and place requests" and provides links for "Sign in" and "DISMISS".

On the left side, the "Active filters" section shows "Open Access" selected, indicated by a purple arrow. Below this, there are options to "Remember all filters" and "Reset filters". The "Filter my results" section includes a toggle for "Include items without full text" and a "Sort by" dropdown set to "Relevance". The "Limit To" section has options for "Full Text Online" and "Peer-Reviewed Journals". The "Topic/Subject", "Resource Type", "Source/Collection", "Date", and "Journal Title" filters are also visible.

The main search results area displays two articles. The first article, "Cardiac MRI Endpoints in Myocardial Infarction Experimental and Clinical Trials: JACC Scientific Expert Panel", is marked as "OPEN ACCESS" and "PEER REVIEWED". A red text overlay states: "Wherever the OA Symbol is, the text is freely available". The second article, "Fractional Flow Reserve-Guided Multivessel Angioplasty in Myocardial Infarction", is also marked as "OPEN ACCESS".

A vertical blue button labeled "Chat with a Librarian" is located on the right side of the interface.

Unpaywall extension in OneSearch



ARTICLE

Heart Failure in Type 2 Diabetes Mellitus: Impact of Glucose-Lowering Agents, Heart Failure Therapies, and Novel Therapeutic Strategies

Kenny, Helena C ; Abel, E Dale

Circulation research, 2019, Vol.124 (1), p.121-141

Patients with diabetes mellitus have >2x the risk for developing heart failure (HF; HF with reduced ejection fraction and HF with preserved ejection fraction... 99

PEER REVIEWED OPEN ACCESS

Available Online >

TOP

SEND TO

VIEW ONLINE

DETAILS

LINKS

CITATIONS

Send to

EMAIL CITATION PRINT PERMALINK REFWORKS ENDNOTE EASYBIB

EXPORT RIS EXPORT BIBTEX

View Online

Try a link below!

Open Access version of full text found via:Unpaywall

Details

Title Heart Failure in Type 2 Diabetes Mellitus: Impact of Glucose-Lowering Agents, Heart Failure Therapies, and Novel Therapeutic Strategies

Creator Kenny, Helena C > Abel, E Dale >

Is Part Of Circulation research, 2019, Vol.124 (1), p.121-141

Subject Analysis > Care and treatment >

Related reading

recommended items that are related to the record

The Global Health and Economic Burden of Hospitalizations for Heart
Mihai Ambrosy
Journal of the American College of
Cardiology.2014, Vol. 63(12), p. 1123-113
ARTICLE suggested byX

Diabetic retinopathy and cognitive
decline in older people with type 2
Mark W J Ding
Diabetes.2010, Vol. 59(11), p. 2883-9
ARTICLE suggested byX

Incidence Trends of Type 1 and Type 2
Diabetes among Youths, 2002-2012
Elizabeth Mayer Davis
The New England Journal of
Medicine.2017, Vol. 376(15), p. 1419-1429
ARTICLE suggested byX

The annual global economic burden of
heart failure.
Christopher Cook
International journal of cardiology.2013,
Vol. 171(3), p. 368-376
ARTICLE suggested byX

Rehospitalization for Heart Failure:
Problems and Perspectives.
Mihai Gheorghiade
Journal of the American College of
Cardiology.2012, Vol. 61(4), p. 391-403
ARTICLE suggested byX

Chat with a Librarian

Open Access and Google Scholar

The screenshot shows the Google Scholar interface with the search term "irregular heartbeat". The results list several articles, each with a title, authors, and a link to the full text. The first article is "Irregular heartbeat classification using Kronecker product equations" by M Bousset, G Goovaerts, N Vervaeke, et al., published in 2017. The second article is "Atrial fibrillation detection: fishing for an irregular heartbeat before and after stroke" by V Thijs, published in 2017. The third article is "Detection of irregular heartbeats using tensors" by G Goovaerts, O De Weert, B Vandenbergh, et al., published in 2015. The fourth article is "Statistical properties of heartbeat intervals during atrial fibrillation" by W Zeng, L Glass, published in 1996. The interface includes a sidebar with filters for "Any time", "Any type", and "Review articles". There are also links for "My profile" and "My library" in the top right corner.

Google Scholar search results for "irregular heartbeat". The results list several articles, each with a title, authors, and a link to the full text. The first article is "Irregular heartbeat classification using Kronecker product equations" by M Bousset, G Goovaerts, N Vervaeke, et al., published in 2017. The second article is "Atrial fibrillation detection: fishing for an irregular heartbeat before and after stroke" by V Thijs, published in 2017. The third article is "Detection of irregular heartbeats using tensors" by G Goovaerts, O De Weert, B Vandenbergh, et al., published in 2015. The fourth article is "Statistical properties of heartbeat intervals during atrial fibrillation" by W Zeng, L Glass, published in 1996. The interface includes a sidebar with filters for "Any time", "Any type", and "Review articles". There are also links for "My profile" and "My library" in the top right corner.

Annotations on the screenshot:

- For the first article: "[PDF] ieee.org" and "> Fulltext at QC".
- For the second article: "[HTML] ahajournals.org" and "> Fulltext at QC". A red note says: "If you see both the PDF and FullText at QC, in many cases, you will still need to sign into proxy for either option."
- For the third article: "[PDF] kuleuven.be". A purple note says: "PDF or HTML only options means you do not need to sign into proxy".
- For the fourth article: "[PDF] aps.org" and "> Fulltext at QC".

Related searches: irregular heartbeat arrhythmia, irregular heartbeat ecg.

We recommend you use the proxied [Google Scholar via the A-Z Database List](#) to provide both OA and QC/CUNY subscribed content.

CUNY Academic Works content in OneSearch

ARTICLE

A-Z Database List review: Getting started and keeping the momentum
Sugrim, Sonali
[Available Online](#)

TOP

SEND TO

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DETAILS

LINKS

Send to

EMAIL

CITATION

PRINT

PERMALINK

REFWORKS

ENDNOTE

EASYBIB

EXPORT RIS

EXPORT BIBTEX

View Online

Try a link below!

CUNY Academic Works

Details

Title

Creator

Subject

Description

Publisher

Format

Identifier

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

Sugrim, Sonali

[electronic resources management](#)

[A-Z Database List](#)

[databases](#)

[Arts and Humanities](#)

Libraries have multiple portals to access their electronic resources. At Queens College, the two access portals are the catalog, Ex-Libris' Primo, and Springshare's 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 nor library staff. Users should be able to search for the resources they want without getting bogged down by unnecessary jargon, inconsistencies, and fluff. It was not difficult to get buy in for a comprehensive review. Librarians agreed that the [list](#) lacked consistency and a review would be beneficial. Beyond that there was little consensus. Where do we start? How do we approach this?

CUNY Academic Works

application/pdf

http://academicworks.cuny.edu/ee_sube/533

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.

Suber, Peter. “Biden’s Open Access to Research Policy and How it Affects Authors.” Author’s Alliance, October 3, 2022.

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“Zero Embargo.” *The Brief*, Clarke & Esposito, August 2022.

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Questions and
Answers!