

Open Everything!?

A Panel on the whats, hows, and ifs of Open Scholarship

Lewis and Ruth Sherman
Centre for Digital Scholarship

Do More with Digital Scholarship Workshop Series
October 27, 2022



McMaster University sits on the traditional Territories of the Mississauga and Haudenosaunee Nations, and

McMaster University sits on the Territories of the Mississauga and Haudenosaunee Nations, and within the lands protected by the “Dish With One Spoon” wampum agreement.

Session Recording and Privacy

This session is being recorded with the intention of being shared publicly via the web for future audiences.

In respect of your privacy, participant lists will not be shared outside of this session, nor will question or chat transcripts.

Questions asked via the chat box will be read by the facilitator without identifying you. Note that you may be identifiable when asking a question during the session in an audio or visual format.

Code of Conduct

The Sherman Centre and the McMaster University Library are committed to fostering a supportive and inclusive environment for its presenters and participants.

As a participant in this session, you agree to support and help cultivate an experience that is collaborative, respectful, and inclusive, as well as free of harassment, discrimination, and oppression. We reserve the right to remove participants who exhibit harassing, malicious, or persistently disruptive behaviour.

Please refer to our code of conduct webpage for more information:

<https://scds.ca/events/code-of-conduct/>

Certificate Program

The Sherman Centre offers a Certificate of Completion that rewards synchronous participation in 7 workshops. We also offer concentrations in Data Analysis and Visualization, Digital Scholarship, and Research Data Management.

Learn more about the Certificate Program: <https://scds.ca/certificate-program>

Attendance Confirmation

If you would like to be considered for a certificate, verify your participation in today's workshop by completing the form at: <https://u.mcmaster.ca/verification>

An organizer will enter the code into the session chat window.



Celebrate #OpenAccessWeek with McMaster Library

Oct. 25: Navigating the World of Open Access Publishing

Oct. 26: Best Practices for Managing Data in Your Research

Oct. 27: Open for Impact: Increasing Research Impact
through Open Access Publishing

Oct. 27: Open Everything! A Panel on the Whats, Hows,
and Ifs of Open Scholarship

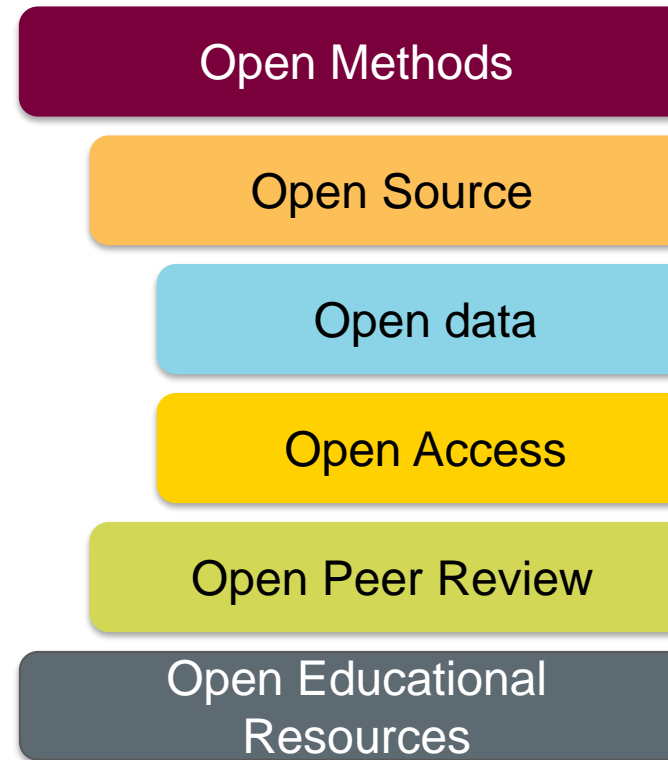
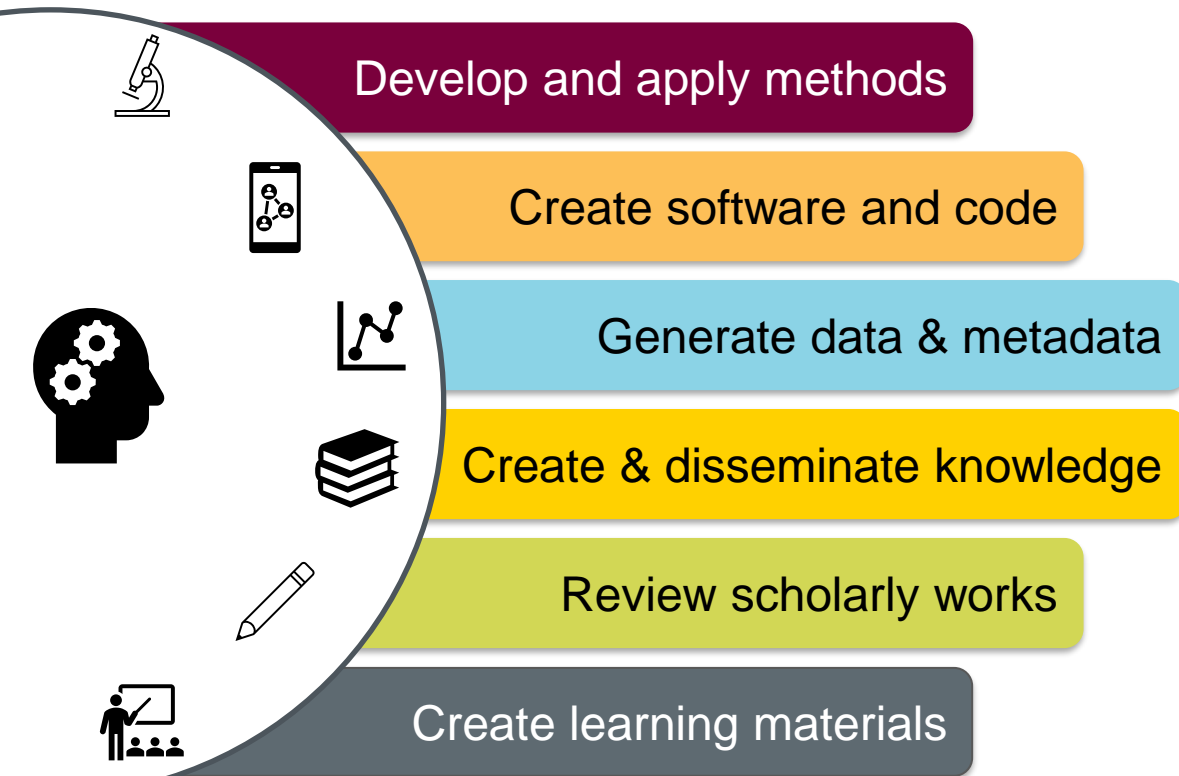


Library



Open Scholarship

Open Scholarship



Tri-Agency Research Data Management Policy

1. Preamble

The Canadian Institutes of Health Research (CIHR), the Natural Sciences and

Plan S Principles

[Lire cette page en français](#)

Part I: The Plan S Principles

"With effect from 2021*, all scholarly publications on the results from research funded by public or private grants provided by national, regional and international research councils and funding bodies, must be published in [Open Access Journals](#), on [Open Access Platforms](#), or made immediately available through Open Access Repositories without embargo."

*funders agreeing after January 2020 to implement Plan S in their policies, the start date will be one year at agreement

Tri-Agency Open Access Policy on Publications

1. Preamble

The [Canadian Institutes of Health Research \(CIHR\)](#), the [Natural Sciences and Engineering Research Council of Canada \(NSERC\)](#), and the [Social Sciences and Humanities Research Council of Canada \(SSHRC\)](#) are federal granting agencies that fund research, training and innovation. We recognize that Agencies have a fundamental role in ensuring that findings that result from their funding are made available to the public. We also recognize the possible opportunity to make research findings more widely available, without barrier, to the knowledge, enabling the research sector and not-for-profit sector to advance knowledge.

THE WHITE HOUSE



AUGUST 25, 2022

OSTP Issues Guidance to Make Federally Funded Research Freely Available Without Delay

[OSTP](#) > [BRIEFING ROOM](#) > [PRESS RELEASES](#)

Today, the White House Office of Science and Technology Policy (OSTP) updated U.S. policy guidance to make the results of taxpayer-supported research immediately available to the American public at no cost. In a [memorandum](#) to federal departments and agencies, Dr. Alondra Nelson, the head of OSTP, delivered guidance for agencies to update their public access policies as soon as possible to make publications and research funded by taxpayers publicly accessible, without an embargo or cost. All agencies will fully implement updated policies, including ending the optional 12-month embargo, no later than December 31, 2025.

Why Open Scholarship?

To support scholarship	By enabling reuse, transparency, and reproducibility. By increasing the reach of scholarly and artistic works. By promoting non-article products of research as citable objects.
To benefit society	By supporting and providing information as a public good and its use in decision-making and economic development.
To promote information equity	By reducing barriers to access for citizen scholars, scholars in the global south, etc.
To maximize returns on investment	By ensuring that funding and research support benefit society to its maximum extent. By reducing duplication of efforts.

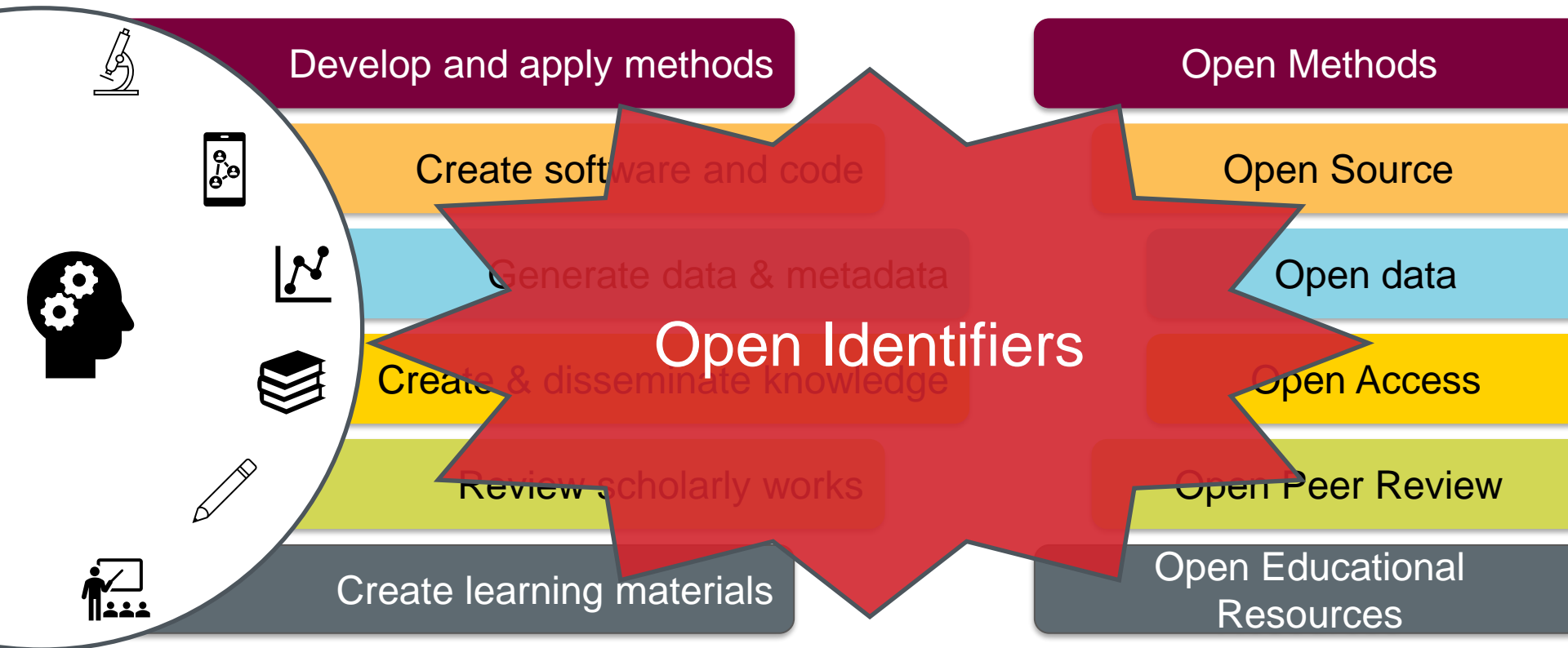


Why Open Scholarship?

To support scholarship	By enabling reuse, transparency, and reproducibility. By increasing the reach of scholarly and artistic works. By promoting non-article products of research as citable objects.
To benefit society	By supporting and providing information as a public good and its use in decision-making and economic development.
To promote information equity	By reducing barriers to access for citizen scholars, scholars in the global south, etc.
To maximize returns on investment	By ensuring that funding and research support benefit society to its maximum extent. By reducing duplication of efforts.
<i>To build an ecosystem of connected information and products that expand and enable new forms of scholarship, industry, and knowledge creation</i>	



Open Scholarship



Our Panelists

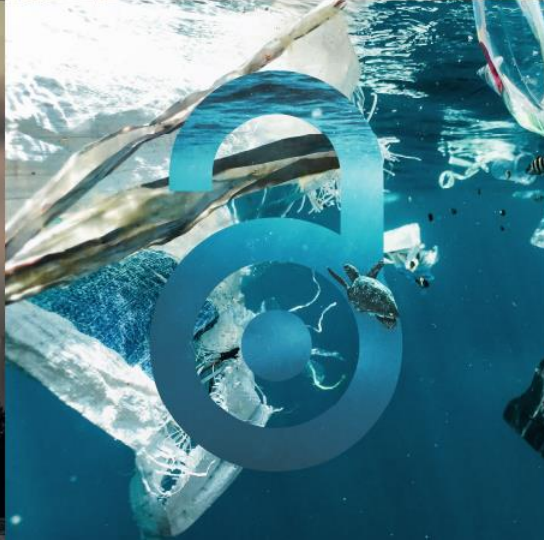
Joanne Kehoe	Paul R. MacPherson Institute for Leadership, Innovation and Excellence in Teaching	Open Educational Resources
Jay Brodeur	McMaster University Library	Open Access
Danica Evering	McMaster University Library & Research and High Performance Computing Support	Open Data
Isaac Pratt	McMaster University Library & Research and High Performance Computing Support	Open Methods
John Fink	McMaster University Library	Open Source
Jeffrey Demaine	McMaster University Library	Open Identifiers



Panelist prompts

1. What is open ____? What important role(s) does it play in scholarship, currently?
2. What are its prospects? How might its role expand in the future and what might it enable?
3. What are some of the significant challenges, gaps, and limitations of the open ____ movement in scholarship?





 International
Open Access **Week**

Open Access



Open Access

Open Access is the free, immediate, online availability of research articles coupled with the rights to use these articles fully in the digital environment. Open Access ensures that anyone can access and use these results—to turn ideas into industries and breakthroughs into better lives.

SPARC*

sparcopen.org/open-access/



Open Access

Open Access is the **free, immediate, online** availability of research articles coupled with the **rights** to use these articles fully in the digital environment. Open Access ensures that anyone can access and use these results—to turn ideas into industries and breakthroughs into better lives.

SPARC*

sparcopen.org/open-access/

Tri-Agency Open Access Policy (2015)



Government
of Canada

Gouvernement
du Canada

[Français](#)

Search Canada.ca



MENU ▾

[Canada.ca](#) > [Science and innovation](#) > [Science.gc.ca](#) > [Interagency research funding](#)
> [Policies and Guidelines](#) > [Open Access](#)

Tri-Agency Open Access Policy on Publications

1. Preamble

The [Canadian Institutes of Health Research \(CIHR\)](#), the [Natural Sciences and Engineering Research Council of Canada \(NSERC\)](#) and the [Social Sciences and Humanities Research Council of Canada \(SSHRC\)](#) ("the Agencies") are federal granting agencies that promote and support research, research training and innovation within Canada. As publicly funded organizations, the Agencies have a fundamental interest in promoting the availability of findings that result from the research they fund, including research publications and data, to the widest possible audience, and at the earliest possible opportunity. Societal advancement is made possible through widespread and barrier-free access to cutting-edge research and knowledge, enabling researchers, scholars, clinicians, policymakers, private sector and not-for-profit organizations and the public to use and build on this knowledge.

OA Flavours

Closed (Not OA)

Published in a toll-access journal. Tolls are paid on a per-article basis or through licenses negotiated with institutions / orgs.

Green

Published in toll-access journals but archived in an OA repository (institutional or discipline-specific). Included pre-prints

Hybrid

Free to read at time of publication with an open license. Publishing usually requires an article processing charge (APC)

Gold

Like hybrid, but publishing takes place within an all-Open Access journal

Bronze

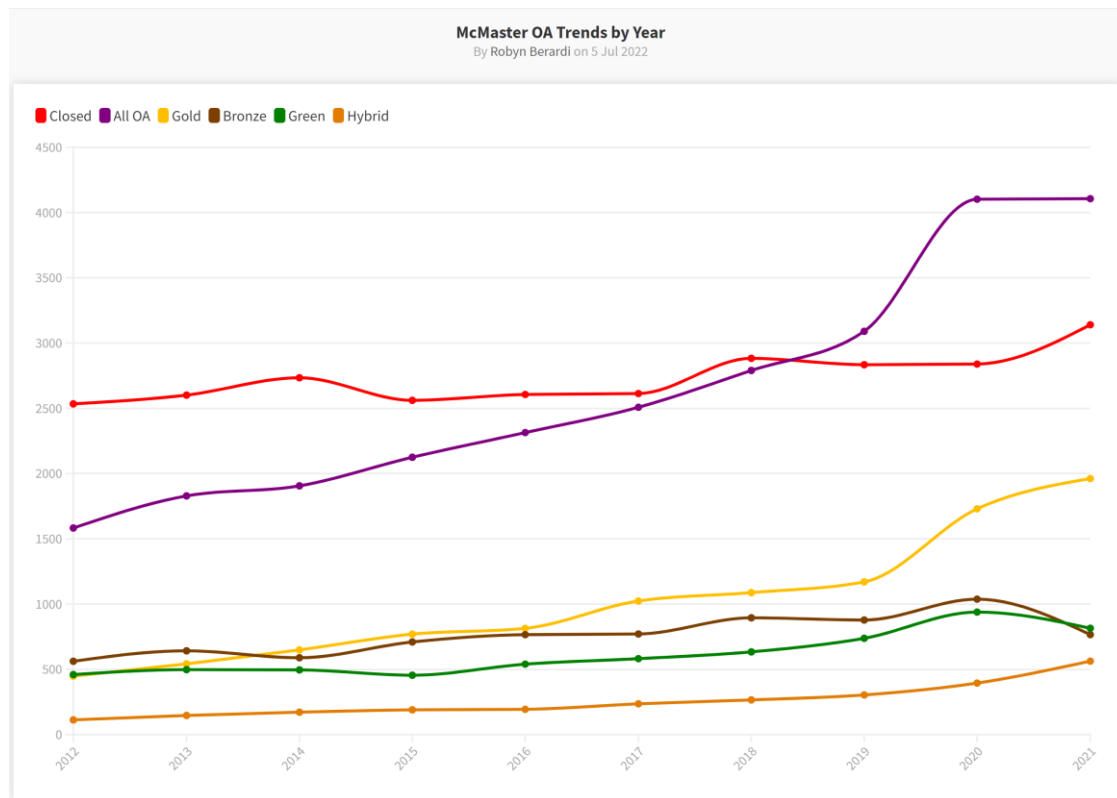
Articles are free to read, but without licenses that allow reuse; availability subject to publisher's discretion

Diamond (Platinum)

Articles are published in a journal with no fees to reader or author. Journals are supported by institutions / orgs and scholars

Definitions courtesy of Unpaywall: unpaywall.org/

OA Trends at McMaster [2012 – 2021]



Courtesy Berardi, R. & Demaine, J. (in preparation)
Data source: Dimensions

Transformative Agreements

Goal

Subscription-based reading → Open access publishing

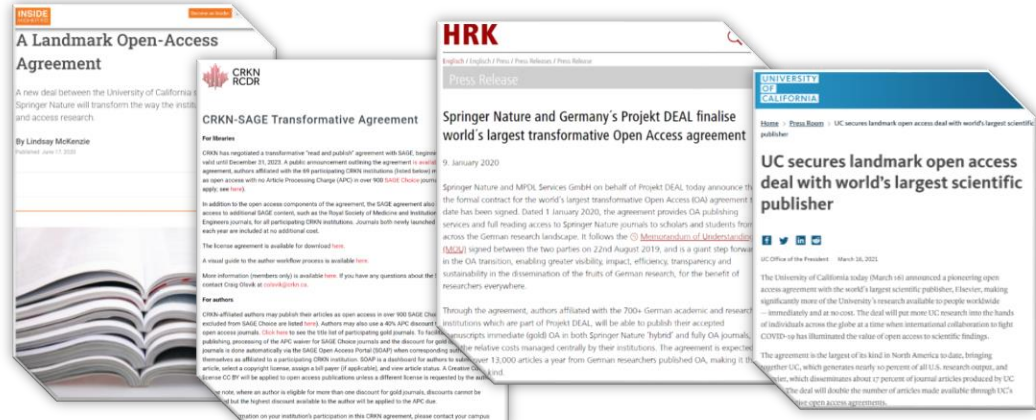
Principles

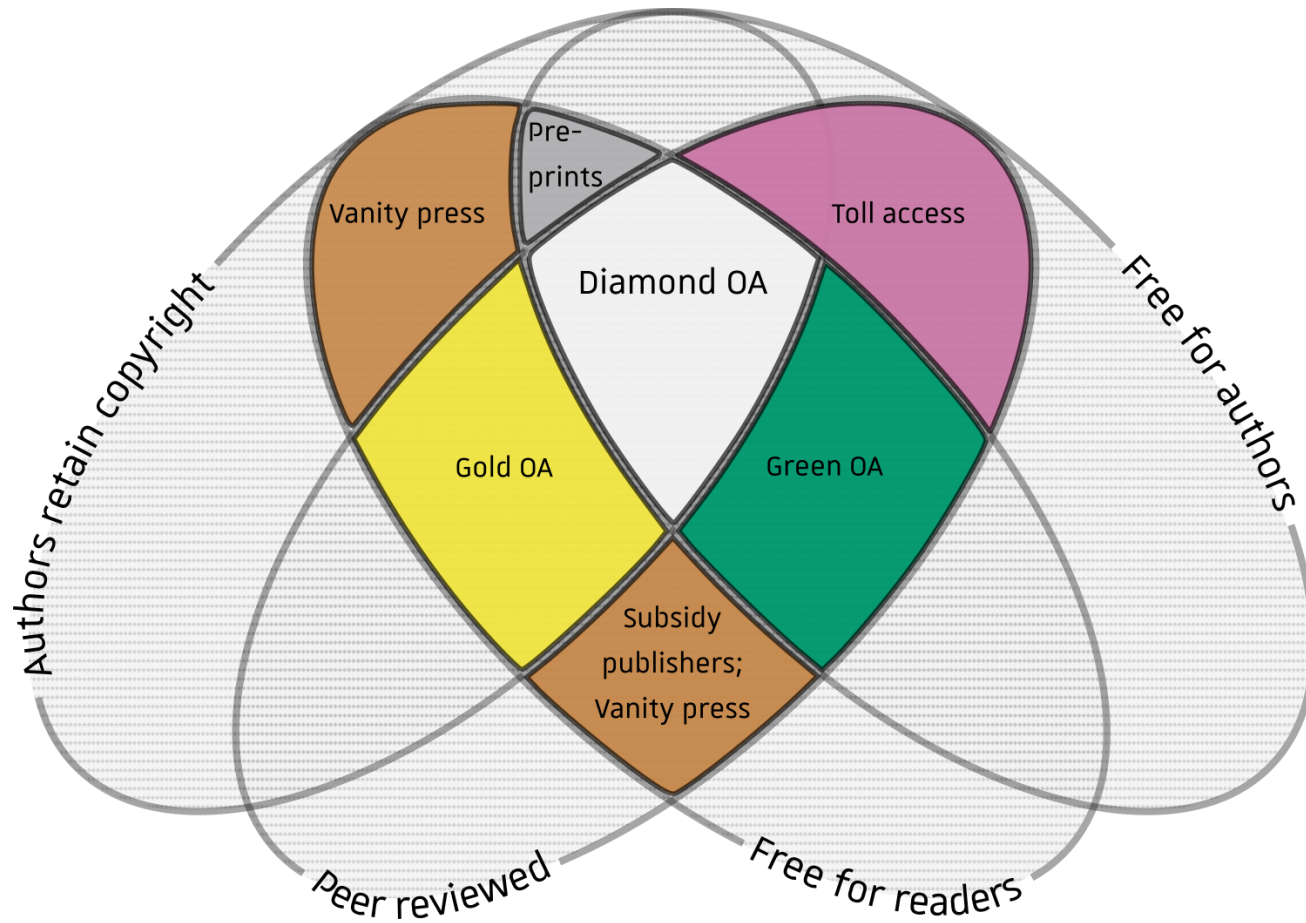
Cost

Copyright

Transparency

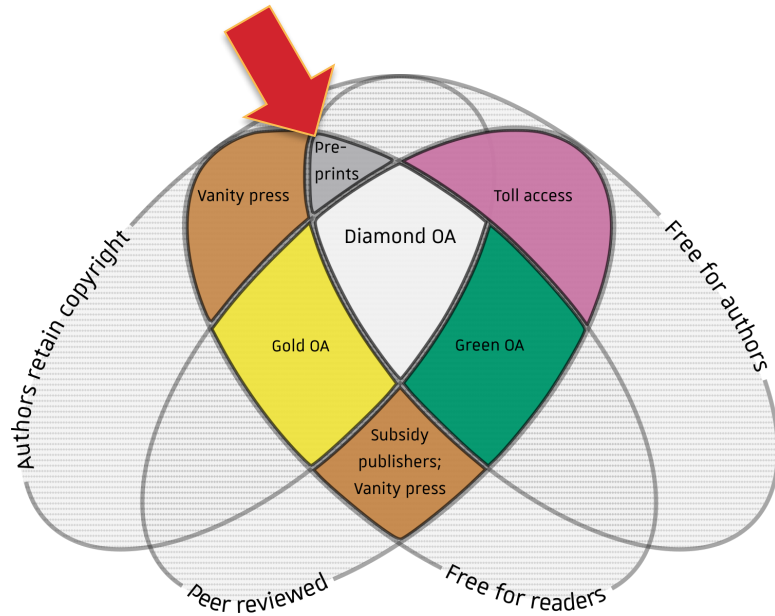
Transitional





Farquharson, Jamie (2018): Diamond open access venn. figshare. Dataset.
<https://doi.org/10.6084/m9.figshare.6900566.v1>

Preprints



bioRxiv
THE PREPRINT SERVER FOR BIOLOGY

arXiv.org

MediArXiv

SOCARXIV
open archive of the social sciences

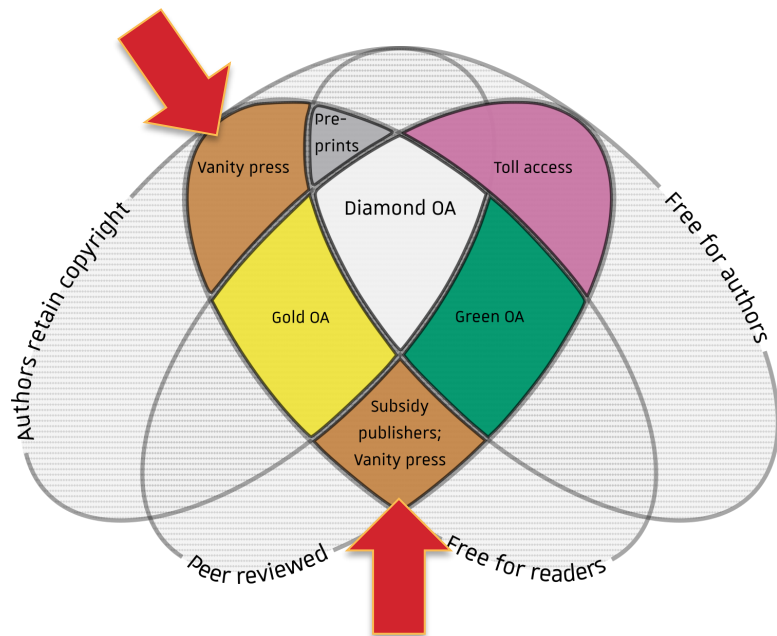
OSF PREPRINTS

medRxiv
THE PREPRINT SERVER FOR HEALTH SCIENCES

zenodo

Check out the newly-released Directory of Open Access Preprint Repositories:
doapr.coar-repositories.org/

Predatory publishing and vanity presses



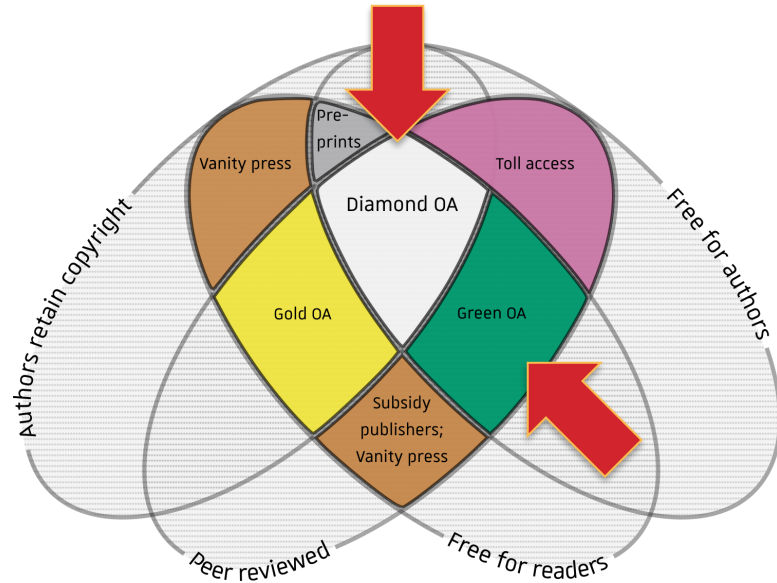
Predatory publishing in the era of open knowledge: reducing the odds of falling prey

Synchronous workshop

McMaster University Library | **DIMIDS** | Lewis & Ruth **Sherman Centre** for Digital Scholarship | **OPEN ACCESS**

Check out the SCDS predatory publishing module:
scds.github.io/Predatory-Publishing/

Institutional Repositories & Open Journals



McMaster's Institutional Repository
macsphere.mcmaster.ca



McMaster's Open Journal Platform
mulpress.mcmaster.ca

Additional Resources -- More Information

McMaster University Library – Open Access
library.mcmaster.ca/research/open-access

Directory of Open Access Journals | doaj.org/

Sherpa Romeo – directory of publisher OA policies
v2.sherpa.ac.uk/romeo/

Directory of Open Access Preprint Repositories:
doapr.coar-repositories.org/

Directory of Open Access Repositories (OpenDOAR)
v2.sherpa.ac.uk/opendoar/

SPARC | sparcopen.org/

Thank you!

How to participate further

- See all the 2022-2023 SCDS workshop offerings at u.mcmaster.ca/scds-events.
- Apply for the 2023 SCDS Graduate Residency in Digital Scholarship at u.mcmaster.ca/scds-2023-gradres (applications close 04-November, 2022)
- Learn more about SCDS at scds.ca.
- Contact us at scds@mcmaster.ca.

