



OPEN ACCESS FOR STEM/HEALTH SCIENCES

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Learning Objectives

Recognize or find OA agreements that ECU has access to

Be able to read a journal's homepage and identify relevant info about publishing OA in that journal

Understand data sharing agreements and where to deposit de-identified research data



Publishing OA – what do I need to know?

- Licensing – CC licenses
- Data sharing agreements
- Article processing charge (APC)



Journal information

Look on the journal's page to find out about what licenses they use, how much they charge

Article Publication Charges

Health Information & Libraries Journal offers authors the option to publish their articles Open Access: immediately free to read, download, and share.

If the Open Access option is selected, submissions will be subject to an APC if accepted and published in the journal: \$3,090 USD / £2,060 GBP / €2,600 EUR


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Data sharing agreements

Some journals require that data used for the conclusions of the article you submitted be available.

Data availability policy

BMC Oral Health follows the [policies of the BMC journals](#), unless otherwise noted below and are designed to support our commitment to open data sharing.

Availability of datasets

Where a widely established research community expectation for data archiving in public repositories exists, submission to a community-endorsed, public repository is mandatory. A list of data where deposition is required, can be found on the [Editorial Policies Page](#).

BMC Oral Health strongly encourages that all datasets on which the conclusions of the paper rely should be available to readers. We encourage authors to ensure that their datasets are either deposited in publicly available repositories (where available and appropriate) or presented in the main manuscript or additional supporting files whenever possible. If a dataset is not able to be deposited in any of the above repositories due to legal guidelines or ethical reasons, this must be clearly stated in the “Availability of Data and Materials” section.



IRB/HIPAA compliance for data

If you are required to share data for a publication, make sure you comply with what you wrote in the IRB application and HIPAA for patient information

Only share de-identified data in a repository of any kind



De-identification of data

<https://www.hhs.gov/hipaa/for-professionals/privacy/special-topics/de-identification/index.html>

Removal of 18 types of identifiers (safe harbor method)

Expert determination

example: <https://www.ipc.on.ca/sites/default/files/legacy/2016/08/Deidentification-Guidelines-for-Structured-Data.pdf>



More de-identification resources

Patient information:

https://guides.library.jhu.edu/protecting_identifiers/de-id_steps

Qualitative

studies: <https://qdr.syr.edu/guidance/human-participants/deidentification>



General data repositories

Github

Figshare

Open Science Framework

[Data Repositories - Data Management -
Research Guides at East Carolina University
Libraries \(ecu.edu\)](#)



Data repositories at ECU

[The ScholarShip, ECU's Institutional Repository](#)

a digital archive for the scholarly output of the ECU community.

[DataVerse ECU*](#)

Open access datasets repository based on DataVerse

*(ECU authors will no longer be able to import data starting February 2025)

[Project REDCap](#)

for health research and quality improvement studies. Contact the ITCS Help Desk for a REDCap account after your IRB approval.



ORCID

[Orcid.org](https://orcid.org)

Many funders (and journals) now requiring ORCIDs of all researchers/authors

If you need help you can send your CV to scholarlycomm@ecu.edu and we can assist in creating





Finding Open Data for your project

- [Data is plural](#)
- [Data.gov](#)
- [Figshare](#)
- [Dataverse](#)
- [OSF.io](#)
- [CORGIs](#) (Collection of Really Great, Interesting, Situated Datasets)



Types of open access



Diamond- the whole journal is open and there are no fees



Gold- the whole journal is open, but there are fees (APCs)



Hybrid- the journal is paywalled, but some articles are open



Green- article was published behind a paywall, but is made freely available after an embargo period



Subscribe to Open- articles may or may not be open depending on how much funding the journal receives that year



A Note on the American Chemical Society Journals

Article Development Charges: \$2,500 to allow embargo free depositing at publication

- Does **not** guarantee that your article will be accepted
- Does not make your article OA within the journal- still needs to be put in an agency designated repository
- ACS still has traditional oa option with higher APC



ECU Open

Access

Agreements

<https://sustainable scholarship.ecu.edu/> for updates

Cambridge University Press

Company of Biologists

Frontiers (50% off)

IGI Global

IOP Publishing

PLOS

Sage (10% off)

Springer Nature

Wiley*



Open Access Publishing Support Fund

- Reimburse department for APC
 - Main campus: up to \$1,000
 - Health Science campus: \$20
- Deadlines Nov 15th and April 11th
- Article and invoice must be from current fiscal year
- Cannot be from publisher listed on previous slide
- Applicants may receive 1 award per fiscal year
- Journal must comply with COPE and display publishing integrity

<https://library.ecu.edu/scholarly-communications/open-access-publishing-support-fund/>



Avoiding Predatory Publishers

[Think, Check, Submit](#)

See full Presentation November 12th

PREPRINTS

The screenshot shows the arXiv website homepage. At the top left is the Cornell University logo. The arXiv logo is prominently displayed in the center. Below the logo, a paragraph describes arXiv as a free distribution service and an open-access archive for nearly 2.4 million scholarly articles in physics, mathematics, computer science, quantitative biology, quantitative finance, statistics, electrical engineering and systems science, and economics. It notes that materials on the site are not peer-reviewed by arXiv. A search bar is visible with 'Physics' selected in the dropdown menu. To the right, there is a 'Latest news' section with a 'Stay up to date with what is happening at arXiv' message.

The screenshot shows the OSFHOME website interface. The top navigation bar includes 'OSFHOME', 'My Projects', 'Search', 'Support', 'Donate', and a user profile for 'Allison Kaefering'. The main content area displays search results for 'Preprints'. On the left, there is a 'Refine' sidebar with filters for 'Subject: Medicine and Health Sciences', 'Provider: OSF Preprints', 'Creator', 'Date created', 'Subject', 'License', 'Provider', 'Institution', and 'Has related resource'. The search results list two preprints by 'Shahan Marmoor': 'Elevated SOS1 expression distinguishes basal-like human breast cancer.' (dated 2022-03-21) and 'Xist induction following p53 disability features Septin 8 modulation.' (dated 2023-10-20).

Put your work online for review before it's published

Check journal requirements (some don't allow it)

Now required for Gates Foundation Grants



Open Educational Resources

Any open materials you can use in the classroom

- Articles, textbooks, videos, images, sounds, podcasts, reusable assignments

With certain CC licenses you can:

- Edit and combine resources
- Update case studies
- Add in local information



OER

CREATING OER

ECU has software such as [Pressbooks](#), [Manifold](#), H5P, hypothesis, and more

USING OPEN RESOURCES IN YOUR CLASSROOM

Check the license to see if you can edit
Save your students money



ALTERNATIVE TEXTBOOK PROGRAM

LOOK FOR MORE INFORMATION IN MARCH

<https://library.ecu.edu/scholarly-communications/alternative-textbook-program/>



Evaluation

Please fill this out!

https://ecu.az1.qualtrics.com/jfe/form/SV_4MEsrrQUOzvNDOC





THANK YOU

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