

Open Science Options

[What is Open Science](#)

- 1) Pre-registration: Option for researchers to formally describe and register their research project as research on the topic begins.
 - a. [aspredicted](#) – preregistration platform

- 2) Preprint: Archive examples
 - a. [bioRxiv: The preprint server for biology](#)
 - b. [PLOS direct transfer program](#)
 - c. [Center for Open Science](#)
 - d. [PhilSci-Archive](#)
 - e. [authorea](#)

- 3) Select journal with open access
 - a. [What are the options?](#)
 - b. [Think, Check, & Submit](#) – helps to select safe and appropriate publication route

- 4) Check authenticity of publisher at <https://predatoryjournals.com/publishers/>
 - a. Website gathers known/probable/likely predatory publishers listed by Jeffrey Beall, based on [26 criteria](#)

- 5) Journal dependent options:
 - a. [Open Data Badge](#): recognizes researchers who make their data publicly available, providing sufficient description of the data to allow researchers to reproduce research findings of published research studies.
 - b. [Preprint](#): some journals allow authors to post an optional preprint during the review

- 6) Standardized Acknowledgement
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7) Data Storage: [Best practice suggestions from Dan Bolnick](#)

Examples:

- a. At your institution. Ex: [University of Minnesota Drum](#)
- b. [Dryad](#) – data archive
- c. [Genbank](#) – genetic archive
- d. [Github](#) - code archive
- e. [OSF](#) – project files

Resources:

- a) [Scholarly Publishing and Academic Resources Coalition](#) – an open access advocacy group
- b) [CORE](#): The largest collection of open access papers
- c) [OSF](#) – many options for making all aspects of your research open
- d) [Open Access Scholarly Publishing Association](#) – Solutions for Open Science
- e) [Directory of Open Access Journals](#) – find an open access journal
- f) [How open is it?](#) Guide for evaluating Open access journals
- g) [Authoraid](#) – Resources for international authors