

# Key Ingredients in the Journal Article Life Cycle

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# What we're covering today

- Pre-session video and journal submission guidelines
- Types of peer-review
- Publishing models
- Authors' rights following publication
- Measures of impact

# Pre-session video and journal submission guidelines

- What stood out to you about the video and journal submission guidelines?

# Types of peer-review

- Single-blind
- Double-blind
- Open

# Types of peer-review

- Single-blind
  - The reviewers know who the author is but the author doesn't know who the reviewers are

# Types of peer-review

- Double-blind
  - The reviewers don't know who the author is and the author doesn't know who the reviewers are

# Types of peer-review

- Open
  - Many different definitions; common options include:
    - The author's and reviewers' names are shared with each other
    - The reviewers' names are listed on the article page
    - Signed or anonymous peer-review reports and the author's responses are published with the article

# Activity 1

- Form groups of 3 or 4
- Discuss the pros and cons of each type of peer-review
  - Which type would you prefer as an author versus as a reviewer?



# Publishing models

- Subscription or toll access
- Open access (gold)
- Hybrid (subscription and open access)



# Publishing models

- Subscription or toll access
  - Readers and/or their institutions pay a fee to access articles



# Publishing models

- Subscription or toll access
  - Example: American Journal of Political Science
    - [Annual subscription cost \(2020\)](#) = \$1,180.00
    - Single PDF cost, no subscription (2020) = \$49.00



# Publishing models

- Open access (gold)
  - Authors and/or their institutions pay a fee (article processing charge) to publish an article
  - No fees for readers



# Publishing models

- Open access (gold)
  - Example: PLOS ONE
    - [Article processing charge \(2020\)](#) = \$1,695.00



# Publishing models

- Hybrid (subscription and open access)
  - Some authors and/or their institutions choose to make an article open access by paying a fee
  - Readers and/or their institutions pay a fee to access all other articles

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# Publishing models

- Hybrid (subscription and open access)
  - Example: International Political Science Review
    - [Article processing charge \(2020\)](#) = \$3,000.00
    - [Annual subscription cost \(2020\)](#) = \$1,132.00
    - Single PDF cost, no subscription (2020) = \$37.50

## Activity 2

- Form groups of 3 or 4
- Discuss the pros and cons of each model, for authors as well as readers



# Authors' rights following publication

- Copyright
- Copyright transfer agreements
- Self-archiving

# Authors' rights following publication

- Copyright
  - Is automatic
  - Covers published and unpublished works
  - Applies regardless of format
- Copyright owners have the exclusive rights to reproduce, adapt, distribute, perform, or display a work publicly

# Authors' rights following publication

- Copyright transfer agreement
  - “...transfers the copyright for a work from the copyright owner to another party.”

# Activity 3

- Form groups of 3 or 4
- Read through the example copyright transfer agreement and consider:
  - What rights does the author retain?
  - Can the author republish the article associated with this agreement?
  - What can the publisher do with this article?



# Authors' rights following publication

- Self-archiving
  - Open access (green)
    - Authors make a version of their article (pre-print, post-print/accepted manuscript, published version) freely available for anyone to access



# Authors' rights following publication

- Self-archiving
  - Open access (green)
    - Sherpa Romeo: <https://v2.sherpa.ac.uk/romeo/>

# Activity 4

- Form groups of 3 or 4
- Compare and contrast the self-archiving policies for three journals

# Measures of impact

- Journal-level
- Article-level
- Author-level



# Measures of impact

- Journal-level = Impact factor (JIF)
  - “Used as a proxy for the relative importance of a journal within its field...”

$$2018 \text{ JIF} = \frac{\text{Citations in 2018 to items published in 2016 + 2017}}{\text{Number of citable items published in 2016 + 2017}}$$

# Measures of impact

- Journal-level = Impact factor (JIF)
  - Journal Citation Reports (JCR)

# Measures of impact

- Article-level = Altmetrics
  - Supplement other metrics
    - Record of attention
    - Measure of dissemination
    - Indicator of influence and impact

# Measures of impact

- Article-level = Altmetrics
  - Altmetric It! Bookmarklet
    - Products – Free tools

# Measures of impact

- Author-level =  $h$ -index
  - “...attempts to measure both the productivity and citation impact of the publications of a scientist or scholar.”

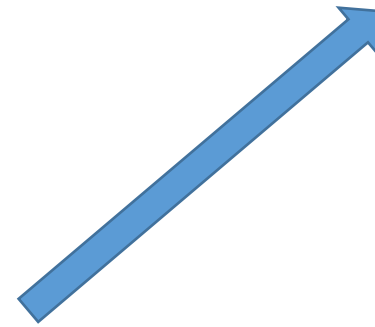
# Measures of impact

- Author-level =  $h$ -index
  - Calculated by listing articles in descending order by “times cited”
  - The value of  $h$  is equal to the number of articles ( $N$ ) in the list that have been cited at least  $N$  times

# Measures of impact

- Author-level =  $h$ -index

Articles	Times cited
1	25
2	14
3	11
4	9
5	7
6	3



- $h$ -index = 5
- The author has published 5 articles that have been cited at least 5 times each

# Measures of impact

- Author-level = *h*-index
  - Google Scholar
  - Scopus
  - Web of Science