



Gender Inequalities in Scientific Authorship and Peer Review

Note for teachers

Learning objectives of the educational content

The purpose of this OER is to **raise awareness of gender inequalities in scientific publishing and the peer review process**. The OER demonstrates how differences in the duration of the peer review process can affect **the visibility of female and male researchers**, as well as **the development of academic careers**, and encourages discussion on fairness and transparency in scholarly communication.

Planned learning outcomes

Students will be able to:

- identify gender inequalities in scientific publishing
- explain how the peer review process can influence academic career development
- analyze data on publication timelines and their consequences for the scientific community
- understand the role of transparent and fair peer review practices in scholarly communication
- propose measures to reduce gender inequalities in the academic system

Questions for reflection

1. How can differences in the duration of the peer review process affect the careers of researchers?
2. In what ways can institutions and journal editorial boards ensure a fair and transparent publishing system?
3. What are the possible consequences of slower publication for scientific visibility and career advancement?
4. How can data on the peer review process help identify gender inequalities in science?
5. What role do information professionals play in collecting and analyzing data on scientific publishing?

Use in teaching

Activity 1: as an introduction to the topic of gender inequalities in scientific publishing

Activity 2: as a prompt for discussion on fairness and transparency in scholarly communication

Activity 3: as an example of data analysis in the academic context

