

How to Write a Journal Article Pt 2

Online course learning objectives

This course equips authors with the skills to enhance their journal articles through supplemental materials, data sharing, responsible reuse of third-party content, and the adaptation of theses and dissertations for publication. Learners will develop practical strategies for preparing, sharing, and managing research outputs in ways that improve transparency, accessibility, and impact.

This Course Will Help Learners To:

- Evaluate the advantages and limitations of different types of supplemental materials to determine which content will best support your article
- Use visual abstracts, podcasts, videos, and other supplemental materials to enhance the visibility and reach of your publication
- Prepare images, figures, and multimedia content that meet common publisher requirements and apply best practices when creating and submitting supplemental materials
- Apply copyright and permissions principles to appropriately and ethically reuse third-party material in your article
- Identify different types of research data, document them appropriately, and apply good practices for sharing data and related materials
- Explain the purpose and value of open research data and implement strategies for sharing research data effectively
- Distinguish between a thesis or dissertation and a journal article, and apply strategies for transforming a thesis into a publishable journal article

Language: English

Time to complete: 2 hours

Level: Beginner

Online course full syllabus

MODULE ONE: SUPPLEMENTAL MATERIALS: WHAT CAN I SHARE?

This module introduces the range of supplemental materials that can accompany a journal article and explores how these materials can enhance the communication, visibility, and impact of research. Learners will evaluate different options and consider which formats are most appropriate for their own work.

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This module will help you to:

- Recognize the different types of supplemental materials, and evaluate their advantages and limitations, so as to inform what material will best support your paper
- Use visual abstracts, podcasts, and videos to draw more attention to your publication

Topics:

- What Is Supplemental Material?
- Supplemental Images, Figures and Visual Abstracts
- Podcasts and Videos

MODULE TWO: SUPPLEMENTAL MATERIALS: TECHNICAL AND LEGAL CONSIDERATIONS

This module examines the practical requirements associated with preparing and submitting supplemental materials. Learners will explore publisher expectations, technical specifications, copyright considerations, and best practices for creating high-quality supplemental content.

This module will help you to:

- Prepare images, figures, and multimedia files that meet common publisher submission requirements for format, resolution, placement, and quality
- Recognize and apply best practices and legal considerations when editing and submitting visual, video, and audio supplemental materials

Topics:

- Submission Guidelines for Images and Figures
- Submission Guidelines for Video and Audio Files
- Legal Considerations When Using Video and Audio Files

MODULE THREE: REUSING THIRD-PARTY MATERIAL

This module introduces the copyright and permissions considerations associated with reusing content created by others. Learners will explore how to identify material that can be reused and how to comply with publisher requirements and copyright regulations.

This module will help you to:

- Become aware of basic copyright concepts from the perspective of journal publishing
- Reuse suitable material in your article whilst abiding by the appropriate copyright and permission guidelines

Topics:

- Copyright
- Permissions
- STM Permissions Guidelines
- Reusing Tables and Figures

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MODULE FOUR: SHARING DATA AND RELATED MATERIALS

This module examines the role of research data in scholarly communication and explores approaches to documenting and sharing data responsibly. Learners will consider the principles of open research and the benefits of making research data available to others.

This module will help you to:

- Become familiar with the different types of research data and how to document it
- Be aware of what open research data is and why data sharing is important
- Know how to share your research data

Topics:

- What Is Research Data?
- 2. What Is Open Research Data?
- 3. How Do I Share My Data?

MODULE FIVE: TURNING YOUR THESIS INTO AN ARTICLE

This module provides practical guidance for adapting a thesis or dissertation into a journal article. Learners will explore the key differences between these publication formats and identify strategies for transforming extensive research into a focused manuscript suitable for journal publication.

This module will help you to:

- Become aware of the differences between a thesis and a journal article
- Learn the steps to effectively turn your thesis into a journal article

Topics:

- Writing an Article From a Thesis
- The Conversion Process