CLASS ROOM WORK

N1

1. Introduction. Motivations for writing and publishing a science paper. The Literature Search. Plan and Execute Research with Publication in Mind
2. The Standard Structure of a Scientific Paper: Introduction; Method; Results and Discussion; Conclusions .

N2

1. The Scientific Style: Truth; Presentation; Scene; Cast ; Thought and language .
2. Writing in the Scientific Style. Acronyms.

N3

1. The Goals of Using Figures .Errors in Graphs. Graphical Integrity.
2. Guidelines for good graphics.The *x-y* scatterplot. Figure Quality from a Production Standpoint. Tables

N4

1. The Five Goals of Citations . The Literature Search. Problems with Citations. Self-Citations .
2. Writing an Abstract . Structured Abstracts. Important Additional Thoughts on Abstracts.

N5

1. Titles. Keywords.
2. **What an Editor Looks For.** Scope. Quality. Novelty . Significance .

**N6**

1. Significance: Measuring significance. Null (negative) result.
2. **Picking the Right Journal.** The Specialization Spectrum. Reading in the Age of Search Engines . Avoiding the Wrong Journal

**N7**

1. **Submitting a Paper for Publication and the Publishing Process.** Choice of Journal. Impact factor ( Из Media\_41223\_smxx.pdf Chapter 4)
2. **Submitting a Paper for Publication and the Publishing Process.** Presentation of your paper. Abstract. Submission. Permissions ( Из Media\_41223\_smxx.pdf Chapter 4)

**N8**

1. **Submitting a Paper for Publication and the Publishing Process.** Peer review and manuscript management. Acceptance to Publish and Copyright. ( Из Media\_41223\_smxx.pdf Chapter 4)
2. **Submitting a Paper for Publication and the Publishing Process**. Print and Online Production. Postprint Policy and Institutional Repositories. Essay prizes( Из Media\_41223\_smxx.pdf Chapter 4)

**N9**

1. **Cover Letter.** Purpose of the Cover Letter. A Structured Cover Letter
2. **The Editorial Review Process.** The Goals of Peer Review. Characteristics of a Well-Done Review.

**N10**

1. **The Editorial Review Process.** The Peer-Review Process at a Journal .
2. **The Editorial Review Process**. Responsibilities of each participant in the peer-review process. Criticisms of the Peer-Review Process.

**N11**

1. **Review Articles.** What is a Review Article? Structure of a Review Article. What Makes a Review Article “Good”?
2. **The Ethics of Scientific Publication.** The Primary Ethic of Scientific Publication. Author Responsibilities before Publication.

**12**

1. **The Ethics of Scientific Publication.** Responsibilities during the Peer-Review Process. Author Responsibilities after Publication
2. **Authorship.** Defining Authorship.

**N13**

1. **Authorship.** Guest author or Ghosts author. Acknowledgments. Author Order. Authorship within Journal.
2. **Plagiarism.** Copying Another’s Ideas. Copying Another’s Images. Copying Another’s Words.

**N14**

1. **Plagiarism.** Duplicate Publication, or Self-Plagiarism . Cultural Issues
2. **Double Publication.** Something Old, Something New . The Role of Conference Proceedings.

**N15**

1. **Editorial Ethics.** Editors’ Responsibilities.
2. Turning your coursework into articles. How do articles differ from coursework? ( Из Media\_41223\_smxx.pdf Chapter 3)