

# Scientific Communication Seminars

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### 1. Enhancing Your Success as a Published Author

- Topics covered include the peer review and manuscript editing processes, authorship issues, common reasons for rejection/acceptance, the importance of choosing the appropriate journal for manuscript submission, strategies to enhance writing productivity, and resources available to writers. We also discuss the importance of organization, clarity and conciseness in scientific writing.

### 2. Uniform Requirements for Manuscripts Submitted to Biomedical Journals, and Ethical Issues Related to Writing and Publishing

- Most journals require that manuscripts be prepared in accordance with the Uniform Requirements that are published by the International Committee of Medical Journal Editors. We review the requirements and how they relate to preparing, submitting, and revising manuscripts. Other topics include authorship requirements, conflicts of interest and scientific misconduct.

### 3. The Introduction, Methods, Results and Discussion Format

- Writers learn how to structure manuscripts with the “IMRaD” format by using standardized guidelines. Familiarity with standardized guidelines is particularly helpful for writers with limited experience.

### 4. Creating Effective Figures and Tables

- One of the most common complaints of journal editors is that figures and tables often do not convey information in a logical and concise manner. We discuss the basic requirements for effective figures and tables.

### 5. Common Problems in Sentence Structure and Word Usage

- Clear and concise word usage and sentence structure are keys to effective scientific writing. In this seminar, we review common problems in sentence structure and word usage, illustrating how complex and confusing text can be replaced with logical and easy-to-understand verbiage.

### 6. Creating and Delivering Effective Slide Presentations

- This seminar focuses on general guidelines for preparing and delivering text, table and graphical slides that convey the author’s message in a concise and persuasive manner.

### 7. Posters and Abstracts

- Manuscript abstracts are read much more frequently than other sections of manuscripts, and investigators’ first presentation of their data is often in the form of posters presented at professional meetings. Therefore, posters and abstracts need to be prepared with great care and attention to detail. We discuss formats for creating them, and evaluate examples.