



International Federation for Obesity and Metabolic Disorders (IFSO)

“Writing and Publishing a Research ‘Article of Excellence’ (AOE)”

(Postgraduate Course) Wednesday August 26th 2015

Course Director: Buchwald JN (USA)

Overview

The concept of the “Article of Excellence,” (AOE standard) is based on the Center of Excellence (COE) initiative. The AOE Course provides comprehensive didactic training in the development of science’s central document. The logical construction of each article section is detailed, from literature review and research question clarification, to study design and protocol development, re-*porting* and interpretation of results, and precise reference, abstract, and title assembly. Authors learn to navigate and greatly accelerate article preparation and publication using the AOE RoadMap and Statistics Selector. Ethics of authorship, funding disclosure, and success in peer review are also taught.

Audience

This course is designed for those involved in medical and basic science research. The course level is appropriate for participants in the early stages of a research career, as well as for the more experienced investigator seeking to refine his or her knowledge of the peer-reviewed research article genre.

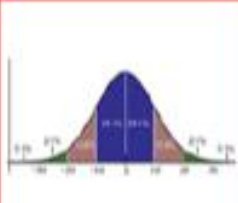


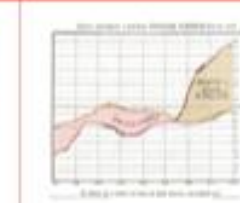






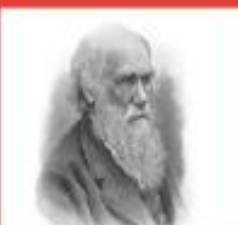





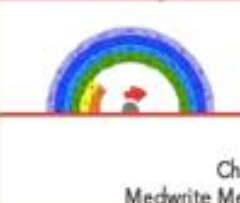



Objectives

On activity completion, participants should be able to:

- Define the function, essential content, and development workflow of all article sections (i.e., Title, Abstract, Introduction, Methods, Results, Discussion, References)
- Clarify the testability of the research question in literature review
- Apply appropriate study design to the research process and article development
- Cite the statistical evaluation points vital to article preparation
- Distinguish between reporting and interpreting results
- Employ key editing for article precision and completeness
- Apply International Committee of Medical Journal Editors (ICMJE) Uniform Requirements and target journal guidelines for style and disclosure of authors and funding
- Apply the 10 AOE quality standards
- Successfully manage the article peer-review process

Agenda

Time	Topic
08:00	Welcome
08:05	Why Write and Publish an Article of Excellence?
08:15	Limiting Bias: Modern Scientific Method
08:30	Aerial View of the Research Writing Process: The AOE RoadMap
08:40	Introduction: Function, Essential Content, Workflow
08:45	Introduction: Defining the Research Question in Scientific Context
09:05	Introduction: Electronic Literature Search, Journal Selection
09:30	Methods: Function, Essential Content, Workflow
09:35	Methods: Experimental and Observational Study Designs
10:00 - 10:30	<i>Coffee Break</i>
10:30	Methods: Selecting a Study Design
10:45	Methods: Five Key Interactions with the Statistician
11:00	Results: Function, Essential Content, Workflow
11:05	Results: Reporting Descriptive and Inferential Statistics
11:40	Questions & Discussion
12:00 - 13:00	<i>Lunch Break</i>
13:00	Results: Guidelines for Constructing Tables and Figures
13:10	Discussion: Function, Essential Content, Workflow
13:15	Discussion: Interpreting Results and Answering the Research Question
13:30	Discussion: Limitations and Conclusions
13:40	References: Anchoring the Study
13:50	Abstract and Title: Critical Synopses
14:00	Macro and Micro Editing and the Quality Audit
14:15	Research Writing Teams
14:25 - 14:40	<i>Break</i>
14:40	Ethics of Authorship and Funding Disclosure
14:55	Manuscript Submission
15:05	Succeeding in the Peer-Review Response Process
15:15	Principles of Scholarly Research Writing
15:20	The International Literature and Individual Researcher
15:30 - 15:45	<i>Questions & Adjourn</i>

				
				
<h2 style="text-align: center;">WRITING AND PUBLISHING A RESEARCH ARTICLE OF EXCELLENCE (AOE)</h2> <p style="text-align: center;">A comprehensive didactic course for physicians, researchers, and healthcare professionals</p>				
				
				
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