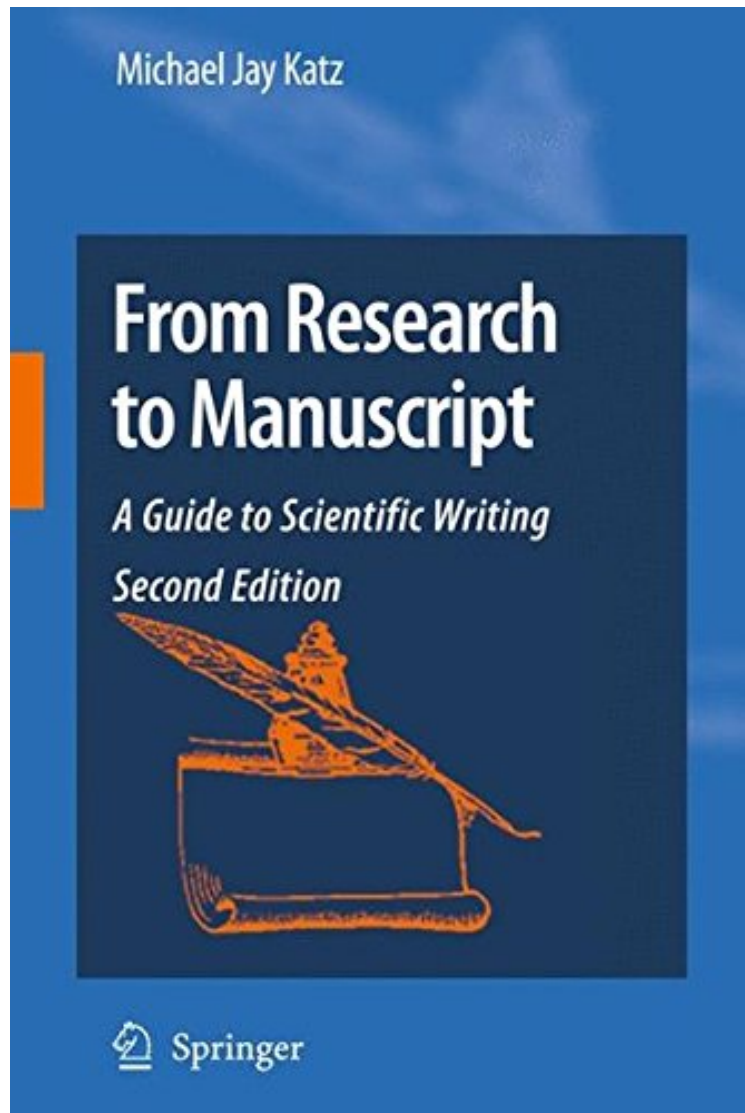


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From Research to Manuscript: A Guide to Scientific Writing

Michael Jay Katz

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Michael Jay Katz : From Research to Manuscript: A Guide to Scientific Writing before purchasing it in order to gauge whether or not it would be worth my time, and all praised From Research to Manuscript: A Guide to Scientific Writing:

10 of 10 people found the following review helpful. my tool against the dreaded writer's blockBy JBI consider Chapter 3 of Part I to be the gem of this book. The author teaches you how to construct a sound paragraph from scratch. It's hard and lengthy work, but it guarantees that you'll overcome the writer's block. A valuable lesson gained is that I can approach my article and work on a single paragraph while forgetting about the rest. This simple realization dispelled

my false belief that I had to contend with the whole article every time I lay my hands on it. It also means it's not necessary to set aside large chunks of time to write. In Part II, the author chops the paper into a hierarchy of subsections, beginning with the standard first level (Abstract, Intro, Methods, Results, Discussion, Conclusion) down to paragraphs, so that you can use the aforementioned methodology. Very useful for those with an unclear idea on how to tackle with the Intro and Discussion sections. I used to consider writing a paper as some kind of arcane art, but this book provided me with a clear protocol I can apply every time. Make no mistake, writing your paper will still require hard work from your part, but it'll be an efficient chore. 11 of 11 people found the following review helpful. Very useful content, needs better graphics. By R. Wright If you are looking for a very solid, well-written, practical guide to writing research papers, this is a great choice. It begins with a strategy of turning an outline into a paper, then moves into basic statistics and approaches to developing good figures, graphs, and tables that lay out the significant results of the work. (This is a real strength, and not something you usually find in these kinds of books.) Then, it follows each section in a research paper, providing very practical explanations, approaches, and examples. I would definitely consider this book appropriate to require for a college senior-level scientific writing course, such as a senior capstone thesis course. The only drawback is that this is not a "pretty" book. The diagrams are in black and white (helping to maintain the reasonable cost) but honestly not very well done. It really needs a professional layout/graphic artist's touch. 1 of 1 people found the following review helpful. Good book, but look like print out from laser printer. By Kriengkrai Iemsawatdikul I have just received this book today. the book is in perfect condition. the material inside the book is excellent. but the paper look like photocopy paper and the book looks like print out from PDF file from laser printer. I am very disappointed.

Observations Plus Recipes It has been said that science is the orderly collection of facts about the natural world. Scientists, however, are wary of using the word fact. Fact has the feeling of absoluteness and universality, whereas scientific observations are neither absolute nor universal. For example, children have 20 deciduous [baby] teeth is an observation about the real world, but scientists would not call it a fact. Some children have fewer deciduous teeth, and some have more. Even those children who have exactly 20 deciduous teeth use the full set during only a part of their childhood. When they are babies and toddlers, children have less than 20 visible teeth, and as they grow older, children begin to lose their deciduous teeth, which are then replaced by permanent teeth. Children have 20 deciduous [baby] teeth is not even a complete scientific statement. For one thing, the statement children have 20 deciduous teeth does not tell us what we mean by teeth. When we say teeth, do we mean only those that can be seen with the unaided eye, or do we also include the hidden, unerupted teeth? An observation such as children have 20 deciduous teeth is not a fact, and, by itself, it is not acceptable as a scientific statement until its terms are explained: scientifically, children have 20 deciduous teeth must be accompanied by definitions and qualifiers.

From the reviews: "Compulsory reading for post-docs wanting to achieve success in the scientific field." (Ronan Bree, National University of Ireland, Galway) "The book would be a great addition to the personal libraries of graduate students and postdoctoral fellows bent on careers in science. Many seasoned scientists could also be advised to read the book to improve their skills in writing." (Donald K. Ingram, Editor-in-Chief of AGE) "From specific details of style to manuscript publication and practices of peer-review, *From Research to Manuscript* covers a wide range of topics. Overall, Katz provides a pleasant overview of the research-science report process for both first-time science research authors and seasoned professionals. it could serve as a teaching guide for students learning the process of taking science from the laboratory notebook to the scientific paper—in Katz's words, from research to manuscript." (Julie Kinyoun, *Technical Communication*, Vol. 54 (2), 2007) "Compulsory reading for post-docs wanting to achieve success in the scientific field." (Ronan Bree, National University of Ireland, Galway) "A great addition to the personal libraries of graduate students and postdoctoral fellows bent on careers in science. Many seasoned scientists could also be advised to read the book to improve their skills in writing." (Donald K. Ingram, Editor-in-Chief of AGE) "Overall, Katz provides a pleasant overview of the research-science report process for both first-time science research authors and seasoned professionals." (Julie Kinyoun, *Technical Communication*, Vol. 54 (2), 2007) "... another excellent book to treasure." (Dr. Achuthsankar S. Nair, University of Kerala) From the Back Cover Written in simple, straightforward language, *From Research to Manuscript*, explains how to understand and summarize a research project. It is a writing guide that goes beyond grammar and style by demonstrating how to pull together the information needed for each section of a polished scientific paper. This book is a systematic guide, leading you from the data on your desk through the drafts and rewrites that are needed to build a complete and tightly-written science article. *From Research to Manuscript*: includes tools and techniques for structuring the sentences, paragraphs, and sections of a research paper. gives wide-ranging examples from well-written research articles. offers advice to speakers of other languages. explains the effective use of tables, graphs, statistics, and figures. shows you how to organize your data to clearly present your results. guides you through the process of manuscript submission and editorial review. The updated second edition includes more examples, advice on publishing in online journals, software suggestions, and updated references. Overall, *From Research to Manuscript* argues that scientists should be working on their paper during their active

research. Writing will keep the research project organized, thorough, and thoughtful. *From Research to Manuscript* provides a format for integrating writing and research, so that you can strengthen your science, compose a better paper, and get the paper published. "Compulsory reading for post-docs wanting to achieve success in the scientific field."
(Ronan Bree, National University of Ireland, Galway) "A great addition to the personal libraries of graduate students and postdoctoral fellows bent on careers in science. Many seasoned scientists could also be advised to read the book to improve their skills in writing." (Donald K. Ingram, Editor-in-Chief of AGE)