**1. Scientific Writing: Taking an Abstract to Manuscript**

Annual specialty conferences are often the initial presentation platform for medical science investigators. However, publication in a reputable peer reviewed journal provides the most effective and permanent means to distribute research findings to a large audience. Furthermore, publications of manuscripts are often used as a measure of academic success. Studies show that only 50% of abstracts presented at scientific meetings are published in peer-reviewed journals. This section provides a resource to assist investigators in bridging the gap between abstract to successful manuscript publication.

**2. Link to Research Primer Book**

The novice investigator can find a wealth of introductory information relating to Emergency Medicine research in [Emergency Care Research: A Primer](http://www.acep.org/uploadedFiles/ACEP/Professional_Development/Research_and_EMF/ACEP_Research%20Book%20wCover.pdf). In particular, chapter 9 is dedicated to “getting published” and serves to aid the junior investigator in optimizing the process of manuscript submission and acceptance.

**3. Links to articles on writing.**

a. Welch HG. Preparing manuscripts for submission to medical journals: the paper trail. Eff Clin Pract. 1999 May-Jun;2(3):131-7.

<http://www.ncbi.nlm.nih.gov/pubmed/10538262>

b. Kallet RH. How to write the methods section of a research paper. Respir Care. 2004 Oct;49(10):1229-32.

<http://www.ncbi.nlm.nih.gov/pubmed/15447808>

c. Durbin CG Jr. Effective use of tables and figures in abstracts, presentations, and papers. Respir Care. 2004 Oct;49(10):1233-7.

<http://www.ncbi.nlm.nih.gov/pubmed/15447809>

d. Hess DR. How to write an effective discussion. Respir Care. 2004 Oct;49(10):1238-41.

<http://www.ncbi.nlm.nih.gov/pubmed/?term=How+to+Write+an+Effective+Discussion++dean+hess>

e. Rau JL. Searching the literature and selecting the right references. Respir Care. 2004 Oct;49(10):1242-5.

<http://www.ncbi.nlm.nih.gov/pubmed/?term=Searching+the+Literature+and+Selecting+the+Right+References>

f. Pierson DJ. The top 10 reasons why manuscripts are not accepted for publication. Respir Care. 2004 Oct;49(10):1246-52.

<http://www.ncbi.nlm.nih.gov/pubmed/15447812>

g. Welch SJ. Preparing manuscripts for online submission: basic information and avoidance of common pitfalls. Chest. 2006 Mar;129(3):822-5.

<http://www.ncbi.nlm.nih.gov/pubmed/16537888>

h. Bredan AS, van Roy F. Writing readable prose: when planning a scientific manuscript, following a few simple rules has a large impact. EMBO Rep. 2006 Sep;7(9):846-9.

<http://www.ncbi.nlm.nih.gov/pubmed/16953194>

i. Guyatt GH, Brian Haynes R. Preparing reports for publication and responding to reviewers' comments. J Clin Epidemiol. 2006 Sep;59(9):900-6 <http://www.ncbi.nlm.nih.gov/pubmed/16895811>

j. Foote M. How to make a good first impression: a proper introduction. Chest. 2006 Dec;130(6):1935-7.

<http://www.ncbi.nlm.nih.gov/pubmed/?term=How+to+Make+a+Good+First+Impression+foote>

k. Foote M. Materials and methods: a recipe for success. Chest. 2008 Jan;133(1):291-3.

<http://www.ncbi.nlm.nih.gov/pubmed/18187756>

l. Foote M. The proof of the pudding: how to report results and write a good discussion. Chest. 2009 Mar;135(3):866-8. doi: 10.1378/chest.08-2613.

<http://www.ncbi.nlm.nih.gov/pubmed/19265097>

m. Hamilton CW. On the table: form and function. Chest. 2009 Apr;135(4):1087-9.

<http://www.ncbi.nlm.nih.gov/pubmed/19349404>

n. Peh WC, Ng KH. Preparing a manuscript for submission. Singapore Med J. 2009 Aug;50(8):759-61; quiz 762.

<http://www.ncbi.nlm.nih.gov/pubmed/19710971>

o. Dant C. Teaching effective writing skills at an Academic Cancer Center: reflections of an Erstwhile journal editor and writer. J Cancer Educ. 2011 Jun;26(2):208-11. doi: 10.1007/s13187-011-0202-6.

<http://www.ncbi.nlm.nih.gov/pubmed/?term=Teaching+Effective+Writing+Skills+at+an+Academic+Cancer>

p. Shidham VB, Pitman MB, Demay RM. How to write an article: Preparing a publishable manuscript! Cytojournal. 2012;9:1. doi: 10.4103/1742-6413.92545. Epub 2012 Jan 31.

<http://www.ncbi.nlm.nih.gov/pubmed/22363390>

q. Masic I. Ethical aspects and dilemmas of preparing, writing and publishing of the scientific papers in the biomedical journals. Acta Inform Med. 2012 Sep;20(3):141-8. doi: 10.5455/aim.2012.20.141-148.

<http://www.ncbi.nlm.nih.gov/pubmed/23322969>

r. Sauaia A1, Moore EE, Crebs J, Maier R, Hoyt DB, Shackford SR. The anatomy of an article: the discussion section: "how does the article I read today change what I will recommend to my patients tomorrow?". J Trauma Acute Care Surg. 2013 Jun;74(6):1599-602. doi: 10.1097/TA.0b013e318292cb49.

<http://www.ncbi.nlm.nih.gov/pubmed/23694892>

**4. Links to some book titles:**

a. Publishing your medical research paper: What they don’t teach in medical school. Williams & Wilkins, Baltimore, US, 1998, by Daniel Byrne

<http://www.amazon.com/Publishing-Medical-Research-Paper-School/dp/0683300741>

b. Essentials of Writing Biomedical Research Papers. Second Edition Paperback – October 21, 1999, by Mimi Zeiger

<http://www.amazon.com/Essentials-Writing-Biomedical-Research-Papers/dp/0071345442/ref=pd_sim_b_6?ie=UTF8&refRID=1X96G0CBYG9BGNC9X5BN>

c. Successful Scientific Writing: A Step-by-Step Guide for the Biological and Medical Sciences, Nov 5, 2007, by Janice R. Matthews and Robert W. Matthews

<http://www.amazon.com/Successful-Scientific-Writing-Step-Step/dp/0521699274>

d. How to Write, Publish, & Present In The Health Sciences: A Guide for Clinicians and Laboratory Researchers. Philadelphia, PA: American College of Physicians, 2009, Thomas A. Lang

<http://www.amazon.com/Write-Publish-Present-Health-Sciences/dp/1934465143>

e. Wager E. Getting research published: an A to Z of publication strategy. Radcliffe Publishing Ltd, Second Edition, 2010, by Elizabeth Wager

<http://www.amazon.com/Getting-Research-Published-Publication-Strategy/dp/1846194083>

f. Scientific Writing = Thinking in Words Paperback – March 9, 2011, by David

<http://www.amazon.com/Scientific-Writing-Thinking-Words-Lindsay/dp/0643100466/ref=pd_sim_b_8?ie=UTF8&refRID=0K06Z818YEYRKSNTRV8C>

g. Writing Science: How to Write Papers That Get Cited and Proposals That Get Funded Paperback – November 29, 2011, by Joshua Schimel

<http://www.amazon.com/Writing-Science-Papers-Proposals-Funded/dp/0199760241>

h. How to write a paper. Fifth edition. BMJ Publishing Group, Wiley – Blackwell, 2012, by George M. Hall

<http://www.wiley.com/WileyCDA/WileyTitle/productCd-047067220X.html>

i. The Elements of Style. Jul 7, 2014, by William Strunk Jr.

<http://www.amazon.com/The-Elements-Style-William-Strunk/dp/1499142234>

**5. Scientific Manuscript Writing Course**

<http://www.inter-biotech.com/biowc/biowc.html>

<http://www.med.upenn.edu/postdoc/ScientificManuscriptWritingCourse.shtml>

<https://class.stanford.edu/courses/Medicine/Sci-Write/Fall2014/about>

<https://www.coursera.org/course/sciwrite>

<https://www.hurleywrite.com/writing_manuscripts>

**6. Find right journal to submit:**

<http://www.biosemantics.org/jane/>

<http://www.edanzediting.com/journal_selector>

**7. Reference Manager Software**

Endnote <http://endnote.com/>

RefMan <http://www.refman.com/>

Ref Works <https://www.refworks.com/>

Papers <http://www.papersapp.com/>

pdf Stack <http://pdfstacks.com/>

Sente <http://www.thirdstreetsoftware.com/site/Sente.html>

Bookends <http://www.sonnysoftware.com/>

<https://workspace.imperial.ac.uk/library/Public/Reference_management_software_comparison.pdf>

<http://www.istl.org/11-summer/refereed2.html>

<http://en.wikipedia.org/wiki/Comparison_of_reference_management_software>

**8. Other resources**

<http://www.cmaj.ca/site/authors/medical_writing_centre.xhtml>

<http://www.sportsci.org/jour/9901/wghstyle.html>

<http://www.phrasebank.manchester.ac.uk/>