

A QUICK GUIDE TO SCIENTIFIC & TECHNICAL WRITING

GRADUATE WRITING CENTER • GRADUATE DIVISION

UNIVERSITY OF CALIFORNIA • BERKELEY

Alley, Michael. *The Craft of Editing: A Guide for Managers, Scientists, and Engineers*. New York: Springer-Verlag, 2000.

_____. *The Craft of Scientific Presentations: Critical Steps to Succeed and Critical Errors to Avoid*. 2nd edition. New York: Springer, 2013.

_____. *The Craft of Scientific Writing*. 3rd ed. New York: Springer, 1996.

Alley, Michael, and others. *Writing Guidelines for Engineering and Science*. Pennsylvania State University. <https://www.craftofscientificwriting.com/>

Alred, Gerald J., Charles T. Brusaw, and Walter E. Oliu. *Handbook of Technical Writing*. 10th ed. Boston: Bedford/St. Martin's, 2011.

Barrass, Robert. *Scientists Must Write: A Guide to Better Writing for Scientists, Engineers, and Students*. 2nd ed. New York: Routledge, 2002.

Benson, Philippa J., and Susan C. Silver. *What Editors Want: An Author's Guide to Scientific Journal Publishing*. Chicago: University of Chicago Press, 2013.

Blum, Deborah, Mary Knudson, and Robin Marantz Henig, eds. *A Field Guide for Science Writers: The Official Guide of the National Association of Science Writers*. 2nd ed. New York: Oxford University Press, 2006.

Coghill, Anne M., and Lorrin R. Garson, eds. *The ACS Style Guide: Effective Communication of Scientific Information*. 3rd ed. New York: Oxford University Press, 2006. [Available online at <http://pubs.acs.org/isbn/9780841239999>.]

Day, Robert A. "The Development of Research Writing." *Scholarly Publishing* (January 1989): pp. 107-115.

Day, Robert A., and Barbara Gastel. *How to Write and Publish a Scientific Paper*. 7th ed. Santa Barbara, CA: Greenwood (ABC-CLIO), 2011.

Day, Robert A., and Nancy Sakaduski. *Scientific English: A Guide for Scientists and Other Professionals*. 3rd ed. Santa Barbara, CA: Greenwood (ABC-CLIO), 2011.

Eisenberg, Anne. *Writing Well for the Technical Professions*. New York: Harper & Row, 1989.

Fisher, Elizabeth, and Richard Thompson. *Enjoy Writing Your Science Thesis or Dissertation! A Step-by-Step Guide to Planning and Writing a Thesis or Dissertation for Undergraduate and Graduate Science Students*. 2nd ed. London: Imperial College Press, 2014.

Friedland, Andrew J., and Carol L. Folt. *Writing Successful Science Proposals*. 2nd ed. New Haven: Yale University Press, 2009.

Gilpin, Andrea A., and Patricia Patchet-Golubev. *A Guide to Writing in the Sciences*. Toronto: University of Toronto Press, 2000.

Goldbort, Robert. *Writing for Science*. New Haven & London: Yale University Press, 2006.

Greene, Anne E. *Writing Science in Plain English*. Chicago: University of Chicago Press, 2013.

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- Harmon, Joseph E., and Alan G. Gross. *The Craft of Scientific Communication*. Chicago: University of Chicago Press, 2010.
- King, Lester S. *Why Not Say It Clearly? A Guide to Scientific Writing*. 2nd ed. Boston, MA: Little, Brown, 1991.
- Matthews, Janice R., and Robert W. Matthews. *Successful Scientific Writing: A Step-by-Step Guide for the Biological and Medical Sciences*. 3rd ed. Cambridge, UK: Cambridge University Press, 2008.
- McMillan, Victoria E. *Writing Papers in the Biological Sciences*. 5th ed. Boston: Bedford/St. Martin's, 2012.
- Montgomery, Scott L. *The Chicago Guide to Communicating Science*. Chicago: University of Chicago Press, 2002.
- O'Connor, Maeve. *Writing Successfully in Science*. New York: Chapman & Hall, 1992.
- Paradis, James G., and Muriel L. Zimmerman. *The MIT Guide to Science and Engineering Communication*. 2nd ed. Cambridge, Massachusetts: The MIT Press, 2002.
- Pechenik, Jan A. *A Short Guide to Writing about Biology*. 8th ed. New York: Pearson, 2012.
- Rathbone, Robert R. *Communicating Technical Information: A New Guide to Current Uses and Abuses in Scientific and Engineering Writing*. 2nd ed. Reading, MA: Addison-Wesley, 1985.
- Robinson, Marin S., Fredricka L. Stoller, Molly S. Costanza-Robinson, and James K. Jones. *Write Like a Chemist: A Guide and Resource*. New York: Oxford University Press, 2008.
- Schoenfeld, Robert. *The Chemist's English*. 3rd ed. Wernheim, Germany: VCH, 1990.
- Scientific Writing Booklet*. Compiled by Marc E. Tischler, Ph.D., Department of Biochemistry & Molecular Biophysics, University of Arizona. <https://cbc.arizona.edu/sites/cbc.arizona.edu/files/marc/Sci-Writing.pdf>
- Sides, Charles H. *How to Write & Present Technical Information*. 3rd ed. Phoenix, Ariz.: Oryx Press, 1999.
- Tufte, Edward R. *Beautiful Evidence*. Cheshire, Conn.: Graphics Press, 2006.
- _____. *The Cognitive Style of PowerPoint: Pitching Out Corrupts Within*. 2nd ed. Cheshire, Conn.: Graphics Press, 2006.
- _____. *Envisioning Information*. 10th printing. Cheshire, Conn.: Graphics Press, 2005.
- _____. *The Visual Display of Quantitative Information*. 2nd ed. Cheshire, Conn.: Graphics Press, 2001.
- _____. *Visual Explanations: Images and Quantities, Evidence and Narrative*. Cheshire, Conn.: Graphics Press, 1997.
- Young, Matt. *The Technical Writer's Handbook: Writing with Style and Clarity*. Mill Valley, CA: University Science Books, 1989.