

CLINICAL RESEARCH REFERENCES

David P. Yens, Ph.D.

Bland, M. *An Introduction to Medical Statistics, 3rd Ed.* New York: Oxford University Press, 2000. A good contemporary introduction.

Brightman, H.J. *Data Analysis in Plain English with Microsoft EXCEL.* Pacific Grove: Duxbury Press, 1999. A general introduction that shows how to do analyses with EXCEL. Note, however, that EXCEL is somewhat limited.

Creswell, J.W. *Research Design: Qualitative & Quantitative Approaches.* Thousand Oaks, CA: Sage, 1994. A broader introduction that addresses the new qualitative approach.

Dawson-Sanders, B. & Trapp, R.G. *Basic & Clinical Biostatistics.* Norwalk, CT: Appleton & Lange, 1994. An excellent, although somewhat dense, introduction to biostatistics; may be a classic.

Dixon, R.A., Munro, J.F., & Silcocks, P.B. *Evidence Based Medicine Workbook.* Butterworth-Heinemann, 1997. A novel workbook introduction to evidence-based medicine concepts and practices.

Fletcher, R.H., Fletcher, S.W., & Wagner, E.H. *Clinical Epidemiology: The Essentials.* 3rd Ed. Baltimore: Williams & Wilkins, 1996. A fine overview of epidemiology that is organized by specific aspects of health care.

Gehlbach, S.H. *Interpreting the Medical Literature, 3rd Ed.* New York: McGraw-Hill, 1993. An excellent introduction.

Glantz, S.H. *Primer of Biostatistics, 3rd Ed.* New York: McGraw-Hill, 1992. Another good introduction to the topic.

Hedrick, T.E., Bickman, L., & Rog, D.J. *Applied Research Design, A Practical Guide.* Thousand Oaks, CA: Sage, 1993. A slim volume that provides a good introduction.

Hulley, S.B., et.al. *Designing Clinical Research, Third Ed.* Philadelphia: Lippincott Williams & Wilkins, 2007. Probably the best reference at this time. This revised edition adds major sections on sample size, clinical trials, using existing data sets, and community/international studies.

Ingelfinger, J.A., Mosteller, F., Thibodeau, L.A., & Ware, J.H. *Biostatistics in Clinical Medicine, 3rd Edition.* McGraw-Hill, 1994. An excellent introduction to biostatistics with a strong clinical orientation.

Leedy, P.D. *Practical Research: Planning and Design, 5th Ed.* New York: Macmillan, 1993. A general introduction, easy to read.

McGaghie, W.C. & Frey, J.J.(Eds.) *Handbook for the Academic Physician.* New York: Springer-Verlag, 1986. Excellent starting point

Norman, G. R. & Streiner, D.L. *Biostatistics, The Bare Essentials, 2nd Ed.* Hamilton, Ontario: B.C.Decker, 2000. A breezy, irreverent introduction that is easy to read and covers all the essentials in contemporary biostatistics.

Rosser, W.W. & Shafir, M.S. *Evidence-Based Family Medicine.* B.C. Decker, 1998. Although oriented toward the family practitioner, this is an excellent description of the process.

Siegel, S. & Castellan, N.J. *Nonparametric Statistics for the Behavioral Sciences., 2nd Ed.* McGraw-Hill, 2000. Considered the classic in the field; certainly usable for the medical sciences.

Winer, B.J., Brown, D.R., & Michels, K.M. *Statistical Principles in Experimental Design, 3rd Ed.* New York: McGraw-Hill, 1991. The classic in the field of statistics