

## **Reference List for Medical Research (compiled by David Dayya, D.O., M.P.H.)**

### **(1) Introductory Level References**

#### **(a) Statistics/Biostatistics**

- (1) Hinton PR. Statistics Explained. 2<sup>nd</sup>. Ed. 2004.
- (2) Glantz SA. Primer Of Biostatistics. 6<sup>th</sup> Ed. 2005.
- (3) Salkind NJ. Statistics For People Who Think They Hate Statistics. 2<sup>nd</sup> Ed. 2003.
- (4) Moore. Introduction to the Principles of Statistics. 4<sup>th</sup> Ed. 2004.
- (5) Kleinbaum DG, Klein M, Pryor ER. Logistic Regression: A Self learning Text. 2<sup>nd</sup> Ed. 2005.
- (6) Kleinbaum DG, Klein M. Survival Analysis: A Self learning Text. 2<sup>nd</sup> Ed. 2005.
- (7) Bluman AG. Probability Demystified. 1<sup>st</sup> Ed. 2005
- (8) Gonick L, Smith W. Cartoon Guide to Statistics. 1<sup>st</sup> Ed. 1994.

#### **(b) Epidemiology/Research Methods**

- 1) Gehlbach SH. Interpreting the Medical Literature. Practical Epidemiology For Clinicians. 5<sup>th</sup> Ed. 2006.
- 2) Gordis L. Epidemiology. 3<sup>rd</sup> Ed. 2004.
- 3) Hulley SB, Designing Clinical Research. An Epidemiologic Approach. 3<sup>rd</sup> Ed. 2006.

#### **(c) Dataset/Database Management**

- (1) Maran R. Microsoft Office 2000 Simplified. 1999.
- (2) Maran R. Maran Illustrated Office 2003. 1<sup>st</sup> Ed. 2005.
- (3) Maran R. Maran Illustrated Access 2003. 1<sup>st</sup> Ed. 2005.
- (4) Maran R. Maran illustrated Excel 2003. 1<sup>st</sup> Ed. 2005.
- (5) George D, Mallory P. SPSS For Windows: Step-by-Step. 7<sup>th</sup> Ed. 2006
- (6) Hinton PR. Brownlow C, McMurray I. et. al. SPSS Explained. 1<sup>st</sup> Ed. 2004.
- (7) Delwiche LD, Slaughter SJ. The Little SAS Book: A Primer. 3<sup>rd</sup> Ed. 2003
- (8) Acock AC. A Gentle Introduction to Stata. 1<sup>st</sup>. Ed. 2005.

#### **(d) Scholarly Research Paper Publication/Bibliography Software**

- 1) Agrawal A. EndNote 1-2-3 Easy! Reference Management For the Professional. 1<sup>st</sup> ed. 2005.
- 2) Maran R. Microsoft Office 2000 Simplified. 1999.
- 3) Maran R. Maran Illustrated Office 2003. 1<sup>st</sup> Ed. 2005.

### **(2) Supplementary and Advanced Level References**

#### **(a) Statistics/Biostatistics**

- (1) Glantz SA, Slinker BK. Primer of Applied Regression and Analysis of Variance. 2<sup>nd</sup> Ed. 2000.
- (2) Kleinbaum DG, Kupper LL, Nizam A, Muller KE. Applied Regression Analysis and Multivariable Methods. 4<sup>th</sup> Ed.. 2007.
- (3) Winer BJ, Brown DR, Michels KM. Statistical Principles in Experimental Design, 3<sup>rd</sup> Ed.

- (4) Snedecor GW, Cochran WG. Statistical Methods. 8<sup>th</sup> Ed. 1989.
- (5) Maxwell SE, Delaney HD. Designing Experiments and Analyzing Data: A Model Comparison Approach. 2<sup>nd</sup> Ed.
- (6) Keppel G, Wickens TD. Design And Analysis. A Researchers Handbook. 4<sup>th</sup> Ed. 2004.
- (7) McMahan D. Linear Algebra Demystified. 1<sup>st</sup> Ed. 2005.
- (8) Lay DC. Linear Algebra and its Applications. 3<sup>rd</sup> Ed. 2005.
- (9) Clark-Carter D. Quantitative Psychological Research: A Students Handbook. 2004.
- (10) Russo R. Statistics for the Behavioral Sciences. 2003.

**(b) Epidemiology/Research Methods**

- (1) Evans JS, Evans BT. How To Do Research. 2005.
- (2) Boynton PM. The Research Companion. A Practical Guide for the Social and Health Sciences. 2005.

**(c) Medical Health Informatics**

- 1) Englebardt SP. Health Care Informatics: An Interdisciplinary Approach
- 2) Medical Informatics: Knowledge Management and Data Mining in Biomedicine

**(d) Useful WWW Online Resources**

- 1) Rice University Virtual Lab in Statistics (online multimedia tutorial and textbook) [www.onlinestatbook.com/rvls/](http://www.onlinestatbook.com/rvls/)
- 2) UCLA Statistical Computing Online Tutorial on SAS, STATA, and SPSS. [www.ats.ucla.edu/stat/overview.htm](http://www.ats.ucla.edu/stat/overview.htm)
- 3) Practice Datasets [www.vetmed.wsu.edu/appliedregression/](http://www.vetmed.wsu.edu/appliedregression/)

**(e) Video Instruction Resources**

- 1) Against All Odds: Inside Statistics  
[www.learner.org/resources/series65.html](http://www.learner.org/resources/series65.html)
- 2) Statistics [www.videoaidedinstruction.com/](http://www.videoaidedinstruction.com/)