



Tools and skills to pick up as part of your epidemiology training

Skills:

1. Learn how to search PubMed effectively
2. Learn the basics of data entry, data cleaning and management
3. Learn to analyze your own data (descriptive stats, measures of effect, basic multivariate models such as simple regression and logistic regression)
4. Learn to write scientific papers and cite references
5. Learn to create powerpoint presentations and publication quality graphics for publications

Software and tools:

1. Learn any one data entry program and master it.
ACCESS
EpiData, etc [<http://www.epidata.dk/>]
2. Learn any one general, all-purpose statistical software and master it.
STATA
SAS
R, etc.
3. Plug and chug epidemiological calculators and tools
EpiTab - Tables for Epidemiologists in STATA [<http://www.stata.com/help.cgi?epitab>]
OpenEpi [<http://www.openepi.com>]
WinPEPI [<http://www.brixtonhealth.com/pepi4windows.html>]
PS (Power and Sample Size) [<http://biostat.mc.vanderbilt.edu/twiki/bin/view/Main/PowerSampleSize>]
4. Data transfer software
StatTransfer [<http://www.stattransfer.com/>]
5. Learn any one bibliographic/reference manager software and master it.
EndNote [<http://www.endnote.com/>]
Reference Manager [<http://www.refman.com/>]
RefWorks [<http://www.refworks.com/>]
ProCite [<http://www.procite.com/>], etc
6. PDF generator software that allows you to edit/modify/merge PDFs (Acrobat, and several others.)
7. Image capture software
Snagit [<http://www.techsmith.com/screen-capture.asp>]
HyperSnap [<http://www.hyperionics.com/>], etc.