

May 31, 2008

Dear Participants,

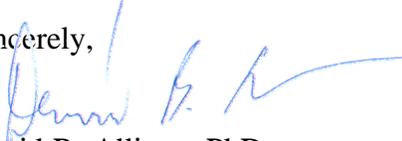
Note that there are two topics at the beginning of the course taught at the same time, namely, "Introduction to Biostatistics" and "Introduction to Genetics & Genomics", so the class will be split in two with some attending "Introduction to Biostatistics" taught by Dr. Ewens and some attending "Introduction to Genetics & Genomics" taught by Dr. Elston. Dr. Ewens has requested that you may contact him by e-mail at wewens@sas.upenn.edu to let him know what topics you would like him to discuss, and what "Introductory" level? It will facilitate his providing you with the information you need for the course.

In addition, we highly encourage you to review the basic foundations of statistics and/or genetics (unless these are things that are already well known to you) before coming to the course by watching our videos on these topics. We also encourage you to browse through glossaries of genetic and statistical terms before coming to the course.

1. You can listen to our past years' NIDDK talks on *Introduction to Statistics* to get quick review of biostatistics. For example, the talk on "Introduction to Biostatistics" by Dr. Warren Ewens given at 3rd NIDDK short course (see: <http://www.soph.uab.edu/ssg/default.aspx?id=31>).
2. To review Genetics, you can watch video taped talk on "Introduction to Genetic Analysis" by Dr. Walsh given at 5th annual NIIDK short course, <http://www.soph.uab.edu/ssg/default.aspx?id=29>. Or the video by Dr. Nancy Cox on "Concepts in Statistical Genetics Analysis" given at 2nd NIAMS short course, <http://www.soph.uab.edu/ssg/default.aspx?id=36>.
3. Also, there is additional statistical information available on internet:
 - a. Electronic text book by StatSoft <http://www.statsoft.com/textbook/stathome.html> or <http://www.statsoft.com/textbook/stbasic.html>
 - b. Statistics Glossary by ISI: <http://isi.cbs.nl/glossary/bloken00.htm>.
4. There are also several web sites that provide information on genetics terms:
 - a. <http://www.genetests.org/servlet/access?qry=ALLTERMS&db=genestar&fcn=term>repo rt2=true>
 - b. <http://www.forensicdna.com/DNAGlossary.pdf>
 - c. <http://www.promega.com/techserv/apps/hmnid/referenceinformation/glossary.htm>
 - d. <http://www.genome.gov/glossary.cfm>
 - e. <http://www.kumc.edu/gec/glossnew.html>
 - f. <http://linkage.rockefeller.edu/wli/glossary/genetics.html>
 - g. http://www.ornl.gov/sci/techresources/Human_Genome/glossary/

For the hands-on software instruction portion of the short course, we request that participants bring their own notebook computers and make sure that the correct e-mail address was supplied during registration. We will be in contact with you via e-mail prior to the workshop with instructions on how to download and install the statistical genetics software that will be taught during the hands-on sessions. Those who are unable to provide their own notebook computer will be able to share a computer provided by the SSG. Please e-mail Jelai Wang (jwang@ms.soph.uab.edu) with any technical questions regarding software setup and Richard Sarver (rsarver@uab.edu) regarding any administrative matters.

Sincerely,



David B. Allison, PhD.



Hemant K Tiwari, PhD

327 Ryals Public Health Building
1665 University Boulevard
205.934.4905
Fax 205.975.2540

The University of
Alabama at Birmingham
Mailing Address:
RPHB 327
1530 3rd Avenue South
Birmingham, AL 35294-0022