November 10, 2010

Drs. Jacqueline J. Harris, Wan-Yu Lin, & Kirk Y. Williams, post-doctoral fellows in the Section on Statistical Genetics in the Department of Biostatistics at UAB, have each been selected to receive a $650 travel award offered by the Rockefeller University in New York. Competition for these awards was high, as only a subset of the 20 applicants accepted to attend the course received funding.

The 5 day course will take place on Mon 12/13/2010 - Fri 12/17/2010 on the Rockefeller campus. This NHGRI/NIMH supported course will emphasize complex trait association analysis of population and family based data. This course will cover both theory and applied exercises. Computer exercises will be carried out using a variety of programs (R, PLINK, GenABEL, MACH, P2BAT, etc).

Topics covered will include: whole genome association studies, qualitative and quantitative traits, data quality control, controlling for population admixture/substructure, imputation, meta analysis, detecting gene x gene interactions, analysis of rare variants, power estimation, permutation and FDR.

Course website: [http://linkage.rockefeller.edu/suzanne/advanced_course_dec10.html](http://linkage.rockefeller.edu/suzanne/advanced_course_dec10.html)

Go to [Jacqueline J. Harris PhD web page](http://linkage.rockefeller.edu/suzanne/advanced_course_dec10.html).
Go to [Wan-Yu Lin PhD web page](http://linkage.rockefeller.edu/suzanne/advanced_course_dec10.html).
Go to [Kirk Y. Williams PhD web page](http://linkage.rockefeller.edu/suzanne/advanced_course_dec10.html).