



**Training Program for New and Established Investigators in Bioinformatics,  
Biostatistics and the Biological Basis of Nutrition and Cancer**

The Department of Statistics at Texas A&M University anticipates openings for its two-year training program in Bioinformatics, Biostatistics and the Biology of Nutrition and Cancer. Our premise is that multidisciplinary teams working on the mechanisms and genetics of cancer will benefit enormously by inclusion of *biologically knowledgeable* statisticians, and especially statisticians who are familiar at a fairly deep level with the biological mechanisms of nutrition and cancer. We intend to train individuals so that they are sufficiently knowledgeable in the biological aspects of cancer that they can act as independent researchers in statistics/biostatistics focusing on the development of relevant statistical methods, and so that they can act as true collaborators with cancer biologists. Program participants will receive training via a structured format in biology, genetics, microarray technology, emerging technologies in proteomics and the biological mechanisms of cancer that may be activated by nutrition-related factors. The program also includes members from the Department of Electrical Engineering's Genomic Signal Processing group, the Department of Epidemiology and Biostatistics, the Faculty of Nutrition and the NIEHS-funded Center for Environmental and Rural Health. Details on the program are available at <http://stat.tamu.edu/B3NC>.

Stipends for the program are \$65,000 per year. No teaching duties are required. Applicants should have a Ph.D. in statistics, biostatistics, signal processing or a similar statistically oriented discipline. The program is suitable for new and recent Ph.D.'s, as well as more established investigators seeking training in biology, genetics, microarrays and the mechanisms of cancer. More established investigators may wish to combine the program with a sabbatical. All members of the program will work closely with senior members of the Department of Statistics and/or Electrical Engineering, and will have office space both in the Department of Statistics and in the laboratory of a biologist working on mechanisms of cancer as related to nutrition. Help with the preparation of an NIH grant proposal is an integral part of the program. Computational facilities and equipment are excellent. Funding to present research at statistics and cancer biology meetings is built into the program. Interested applicants should send a vita and three letters of reference (for new or recent Ph.D.'s) to:

Raymond J. Carroll  
Program Director of Bioinformatics/Biostatistics  
Department of Statistics, Texas A&M University  
College Station TX 77843-3143  
(carroll@stat.tamu.edu)

Application review will begin February 15, 2006. Due to the source of funding, the program is restricted to U.S. citizens and permanent residents. **AA/EOE**