

Department of Statistical Science – Baylor University

Post-Doctoral Position in Biostatistics

Chartered in 1845 by the Republic of Texas, Baylor University is the oldest university in Texas and the world's largest Baptist University. Baylor's mission is to educate men and women for worldwide leadership and service by integrating academic excellence and Christian commitment within a caring community. Baylor is actively recruiting new faculty with a strong commitment to the classroom and an equally strong commitment to discovering new knowledge as Baylor aspires to become a top tier research university all while retaining and remaining grounded in our strong Christian mission as described in [Baylor 2012](#).

We invite you to come discover the vision and excitement at Baylor as we seek to fill the postdoctoral position in the College of Arts & Sciences - [Department of Statistical Science](#).

The fellow will support the department by providing expertise for the computational research needs of the faculty and doctoral students. There are two stages in this support. The first will be to establish needed simulation and computational tools on the new, fast computing platforms provided by the university. The fellow would initially develop an interface to facilitate use of the high-speed platforms by faculty and doctoral students. Specifically, the interface will allow communication between our PCs and the new computing resources, enabling high-speed implementation of simulation programs written in R, SAS, Matlab, and Winbugs. The second will be the utilization of these tools in one of two major research areas already underway in the department.

The fellow would engage in research with our faculty in one of two research areas: developing Bayesian models of adverse events in drug development and use or developing nonparametric, spatio-temporal models for prediction in environmental and biological systems. The choice of research problems would depend upon the background and qualifications of the fellow.

Additional information about the post-doctoral research projects can be found at [News](#)

To apply, please send a current CV, a research statement indicating which of the two areas best fit your interests and experience, names of three references (with email addresses), and copies of any recent research manuscript pre-prints to: **Dr. J Tubbs**. Jack_Tubbs@baylor.edu Please include postdoctoral applicant in the subject line