

Postdoctoral Research Position in Statistical Genetics and Genomics

The [Shang Lab](#) in the Department of Biostatistics at The University of Texas MD Anderson Cancer Center is searching for a Postdoctoral Researcher. The lab's research centers around the development of statistical and computational tools in single cell and spatial transcriptomics to address critical biological problems. By developing innovative analytic methods to extract important information from genetic and genomics datasets, we hope to understand the biological mechanisms and connect molecular insights with translational applications.

We are searching for a recent (or soon-to-be) Ph.D. graduate with formal training in one or more of the following: biostatistics, statistics, computer science, bioinformatics, computational biology, mathematics, or related quantitative discipline. The ideal candidates should have programming experience (e.g., R, python, C++, etc). Applicants with experience working with genetic data, single cell and spatial omics datasets are especially encouraged to apply. The lab provides interdisciplinary collaboration within MD Anderson and with other various institutions locally and nationally. We hope to provide a balanced setting that not only drives scientific excellence but also promotes well-being and professional development, ensuring that trainees can pursue their research passions in a positive and encouraging environment.

MD Anderson Cancer Center is ranked as the No. 1 cancer care and research institution by U.S. News & World Report. Based in the Texas Medical Center (TMC) in Houston, Texas, it is recognized for its dedicated approach towards innovative cancer treatments and groundbreaking research. Houston itself offers a high quality of life, with a diverse culture, flourishing arts scene, numerous parks, and a very reasonable cost of living.

To apply, please send a brief cover letter about your interest in the position and your research experiences/interests, a CV, and names and contact information for 2-3 references to lshang@mdanderson.org.