

THE UNIVERSITY OF TEXAS

MDAnderson
Cancer Center

Making Cancer History®

Opening for Postdoctoral Fellow Position at MD Anderson Cancer Center

A full-time postdoctoral fellow position is available in Dr. Wenyi Wang's lab, at the Department of Bioinformatics and Computational Biology at the University of Texas MD Anderson Cancer Center. Dr. Wang's laboratory performs research aiming to gain new knowledge in the evolution of the human genome as well as the cancer genome. These two topics are fundamental to the understanding of the initiation, progression and treatment of human diseases. Currently her laboratory is focused on two research directions: 1) Development of integrative deconvolution and single-cell models in order to build an atlas of gene expression states of tumor and immune cells (tumor microenvironment) during cancer evolution; and 2) Statistical models for cancer risk counseling for individuals with deleterious germline mutations. For further information, visit the lab website at

<https://odin.mdacc.tmc.edu/~wwang7/>.

The postdoctoral fellow position is a full-time, 12-month . The selected candidate will join the research programs in tumor heterogeneity and evolution, human cell atlas network, or personalized risk prediction modeling for clinical dissemination.

The proposed start date is on a rolling basis. The postdoctoral fellow will be mentored directly by Dr. Wang, with possible co-mentorship from qualified MD Anderson faculty members, including Physician Scientists, or from other institutions in the Texas Medical Center, including Rice University. Applications will be accepted until the position is filled.

Position Qualifications

A Ph.D. degree in statistics, biostatistics, applied mathematics, bioinformatics, computer science or a related field. Extensive experience with R and Python, prior experience in computational biology are required. Candidates should also have a background in any of the following areas: cancer biology, graphical models, semi-parametric Bayesian models, or penalized likelihood methods.

To apply, send a curriculum vitae, a research statement and a list of three references titled "Postdoctoral application - Name" to wwang7@mdanderson.org.

Salary – Competitive.

It is the policy of The University of Texas MD Anderson Cancer Center to provide equal employment opportunity without regard to race, color, religion, age, national origin, sex, gender, sexual orientation, gender identity/expression, disability, protected veteran status, genetic information, or any other basis protected by institutional policy or by federal, state or local laws unless such distinction is required by law. <http://www.mdanderson.org/about-us/legal-and-policy/legal-statements/eeo-affirmative-action.html>

About MD Anderson

The University of Texas MD Anderson Cancer Center in Houston ranks as one of the world's most respected centers focused on cancer patient care, research, education and prevention. The institution's

sole mission is to end cancer for patients and their families around the world. MD Anderson is one of only 51 comprehensive cancer centers designated by the National Cancer Institute (NCI). MD Anderson is ranked No. 1 for cancer care in U.S. News & World Report's Best Hospitals survey. It has ranked as one of the nation's top two hospitals for cancer care since the survey began in 1990, and has ranked first 16 times in the last 19 years. MD Anderson receives a cancer center support grant from the NCI of the National Institutes of Health (P30 CA016672).