



THE UNIVERSITY OF TEXAS  
**MD Anderson**  
**Cancer Center**  
Making Cancer History®

## **Opening for Postdoctoral Fellow Position in Computational Cancer Genomics at MD Anderson Cancer Center**

A full-time postdoctoral fellow position is available in Professor Wenyi Wang's lab in the Department of Bioinformatics and Computational Biology at The University of Texas MD Anderson Cancer Center in Houston, Texas.

Dr. Wang's laboratory research aims to gain new knowledge in the evolution of the human genome and the cancer genome. These two topics are fundamental to the understanding of the initiation, progression, and treatment of human diseases. This position will perform methodological research under her long-standing program in integrative deconvolution and single-cell models to build an atlas of gene expression states of tumor and microenvironment during cancer evolution.

The position will involve a mixture of methodological and collaborative research in cancer genomics. The methodological research may include but is not limited to statistical models for integrative deconvolution and machine learning methods for prognosis and therapeutic biomarker development. The collaborative research may include but is not limited to software tool dissemination, cancer biology discovery, and participation in pan-cancer studies with large research consortia. This position will require writing bioinformatics methodology manuscripts, assisting or leading in writing biomedical manuscripts, developing/maintaining software packages, and other academic activities.

For further information, visit the lab website at <https://odin.mdacc.tmc.edu/~wwang7/>.

### **Position Qualifications**

The ideal candidate should have a Ph.D. in bioinformatics, statistics, biostatistics, computer science or a related field. Extensive experience with R and Python, and prior experience in computational biology are required. The candidate must have excellent written and verbal communication skills, the ability to engage in independent thinking, be meticulous in their attitude towards work, and be collegial as a team member. The candidate must demonstrate scholarship through at least two published first-author manuscripts.

### **Application**

To apply, please email (1) a cover letter describing current and future research, (2) a curriculum vitae, and (3) a list of three references to Dr. Wenyi Wang at [wwang7@mdanderson.org](mailto:wwang7@mdanderson.org).

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. MD Anderson receives a cancer center support grant from the NCI of the National Institutes of Health (P30 CA016672).