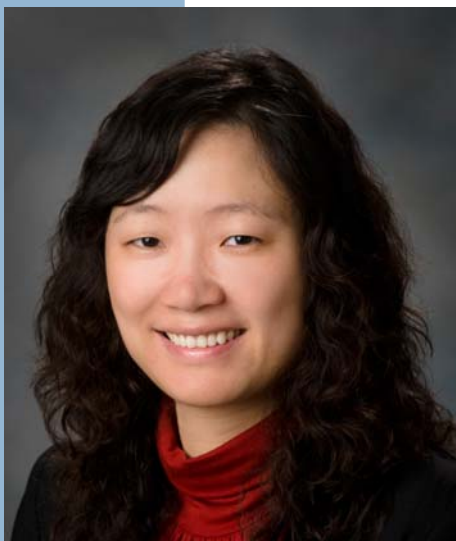




# Speaker Series

## Guest Speaker

**“Global tumor transcriptional activity reveals aggressiveness across multiple cancers”**



**Wenyi Wang, PhD**

**Associate Professor**

**Bioinformatics and Computational Biology**

**The University of Texas MD Anderson Cancer Center**

In this talk, I will present the development of our transcriptome deconvolution model, DeMixT, and the subsequent development of transcriptional activity score (TAS) and our biological findings using the consortial datasets from The Cancer Genome Atlas and from the International Cancer Genome Consortium. We have developed a new summary metric using sequencing data from patient tumor samples, to compute, *in vivo* and using deconvolution, the relative global gene expression level of tumor cells. TAS may serve as a tractable phenotype to help elucidate the biology that underlies metastasis, prognosis and response to treatment in cancer.

**Monday, December 2, 2019**

**11:00am – 12:00pm**

**Gonda Building 1st Floor Conference Room, 1357**

*Light snacks will be provided*

To meet with Dr. Wenyi Wang, please contact:

Host: Dr. Paul Boutros, [MonicaReyes@mednet.ucla.edu](mailto:MonicaReyes@mednet.ucla.edu)

To receive seminar notices, contact Charina McDonald ([cmcdonald@mednet.ucla.edu](mailto:cmcdonald@mednet.ucla.edu))  
Upcoming speakers, <https://medschool.ucla.edu/human-genetics/seminar-series>