

# Postdoctoral Position in Bioinformatics

## Postdoctoral Fellow in Bioinformatics

Department of Biomedical Informatics, Vanderbilt University Medical Center

Two postdoctoral positions are available immediately to join the Bioinformatics and Systems Biology Laboratory at Vanderbilt University Medical Center. The successful candidates are expected to join a bioinformatics team working on various projects in the broad bioinformatics area. The current projects in the Lab include (1) disease gene network and pathway analysis; (2) data integration, management, and extensive data mining; (3) comparative and evolutionary genomics, especially genome evolution, sequence features, and SNP patterns; and (4) detection of disease susceptibility genes/networks by using genome-wide association studies (GWAS). The candidates may involve in Vanderbilt Microarray Shared Resource (<http://array.mc.vanderbilt.edu/>) with access of huge amount of omics data and collaborate with cancer investigators. The minimum pay of this position is by NIH standard but can be compensated with experience.

The qualified candidates should be highly motivated in research and have a Ph.D. in bioinformatics, computational biology, molecular biology, or related when the job starts. The successful candidate should have experience analyzing high-throughput genomic datasets derived from microarray and some other high throughput technologies (GWAS, ChIP-Seq, ChIP-chip, or CNVs) and proved skills in one programming language (Perl, Java, or C/C++). Good understanding of molecular biology and familiarity with biostatistics are desirable. Effective communication skills are required. Applicants should send a CV, **brief** statement of research interests, and reference to: Zhongming Zhao ([zhongming.zhao@vanderbilt.edu](mailto:zhongming.zhao@vanderbilt.edu)), Chief Bioinformatics Officer, Vanderbilt-Ingram Cancer Center.

There are also two bioinformatics engineer positions available in the Vanderbilt Microarray Shared Resource (<http://array.mc.vanderbilt.edu/>). The candidates, who work in the Analysis Group led by Dr. Zhongming Zhao, should have experience analyzing high-throughput genomic datasets derived from microarray and some other high throughput technologies as well as familiarity with available third party software packages useful to analyzing these data. Effective communication skills are required. Those candidates very familiar with Affymetrix, Agilent, and NimbleGen arrays are strongly encouraged to apply. The salary is competitive and compensates with experience.