The University of Mississippi Medical Center is seeking a full time Bioinformatician to support its missions of academics, healthcare, and research.

**Position Summary:** The Bioinformatician performs data analysis and provides bioinformatics solutions on various research projects primarily related to cancer and related diseases.

Strong candidates must have knowledge of high-throughput genomic, genotypic, genetic and sequence data. Must have excellent skills in C, C++, Perl, Java, r, or Matlab. Must have extensive knowledge and experience in the use of existing bioinformatics tools and biological databases, as well as familiarity with cloud computing. Strong work ethic; the ability to work independently with minimum supervision. Must work in a highly interactive and collegial group. Must have excellent written and oral communication skills.

**Education:**
Master's Degree in Bioinformatics, Computational Biology, Statistical Genetics, Computer Science or closely related degree.

**Knowledge, Skills and Abilities:**

- Performs integrative analyses of genetic data, data integration with gene expression, pharmacogenomics and other related data
- Performs analysis of genomic and next generation sequence data, pathway prediction, and computational analysis and functional characterization of noncoding and coding RNA’s.
- Performs elucidation of the functional effects of SNP’s and CNV’s on cis regulatory elements in candidate genes and integration of genomic with clinical data to predict clinical outcomes, disease progression and risk.
- Provide training on bioinformatics-related concepts, applications, and tools.
- Contribute to the design, development, implementation, and testing of biocomputing tools as part of the genomics programs, and initiate interdisciplinary collaborations with other departments.

Interested applicants should apply at: https://careers.umc.edu/applicants/Central?quickFind=89871

For more information, please contact Talent Acquisition at 601.496.UMMC (8662) or at myjob@umc.edu

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