The newly established Department of Data Science in the John D. Bower School of Population Health at the University of Mississippi Medical Center (UMMC) is seeking experienced faculty with a productive research record through active collaboration and grant supported methodological research, education and mentoring of junior staff and students in order to lead the development of our research and educational program in Bioinformatics. The position will be at the rank of Associate Professor of Full Professor.

Located in Jackson, UMMC is the state's only academic health science center. It encompasses seven health science schools: medicine, nursing, dentistry, health related professions, graduate studies, pharmacy and population health. Enrollment in all programs is approximately 3,000 students. The Medical Center's missions are to improve the lives of Mississippians by educating tomorrow's health-care professionals, by conducting health sciences research, and by providing cutting edge patient care. A major goal of the Medical Center is the elimination of differences in health status of Mississippians based on race, geography, income, or social status.

With over 10,000 full- and part-time employees, UMMC is one of the largest employers in Mississippi. The Medical Center's $1.6 billion annual budget - less than one-fifth from state appropriations - represents 10 percent of the Jackson metro area economy and 2 percent of the state economy. UMMC continues to grow in all its mission areas.

**Qualifications** include a doctorate in biostatistics or statistics, a strong commitment to collaborative research and education, as well as excellent oral and written communication skills. The successful candidate will play a leadership role in developing additional strength in bioinformatics through recruitment of new faculty and staff, establishing collaborative research and expanding educational offerings.

We are interested in candidates that demonstrate leadership in developing and employing informatics platforms and computational approaches to understanding complex biological systems. Methodological and applied research projects include integrated ‘omics analyses, pathway and network analyses, next-gen seq and RNA-seq analyses, rare variant analysis, genome-phenome-environome interaction modelling, and developing innovative analysis methods and software for precision medicine. Experience with Cancer related informatics, including predictive biomarkers and therapeutic targeting is desired.

Send CV, description of research experience and three references to Search Committee, c/o Sondra Redmont (datascience@umc.edu). The University of Mississippi Medical Center is an EOE, M/F/D/V.

The University of Mississippi Medical Center is an EOE/AA/Minorities/Females/Vet/Disability/Sexual Orientation/Gender Identity/Title VI/Title VII/Title IX/504/ADA/ADEA employer. The University of Mississippi Medical Center provides equal opportunity in any employment practice, education program, or education activity to all qualified persons. The Medical Center complies with all applicable laws regarding equal opportunity and affirmative action and does not unlawfully discriminate against any employee or applicant for employment based upon race, color, gender, sex, sexual orientation, gender identity or expression, religion, national origin, age, disability, veteran status, or genetic information.