Henry Ford Health System
Department of Public Health Sciences
Center for Bioinformatics

Seeks M.S. level biostatistician(s)
to join its collaborative research team

Job Description – Applicants can expect to work as part of a collaborative team on projects led by Henry Ford Health System medical researchers or senior staff members from Public Health Sciences. Projects focus on the analysis of "Omics" (genetic, genomic, and other molecular data) and electronic medical record data. Daily activities will include performing analyses, summarizing findings in internal written reports as well as for published manuscripts, and performing power and sample size calculations for grant and/or IRB applications. Responsibilities vary by project, and may require the use of multiple statistical and programming tools.

Henry Ford Health System (HFHS) is committed to improving the health and well-being of our diverse Michigan community. Teaching, research, and advanced patient care makes the HFHS a premier academic medical center. **www.henryford.com**

Research studies and funding - Much of HFHS research is translational in nature - from bench to bedside. To this end, our basic science studies run the gamut from whole animal physiology to cell and molecular biology to bioengineering with an emphasis on studies that can directly impact patient care. There are approximately 1,700 active studies, directed by 81 bio-scientific staff, as well as dozens of physician-scientists and PhDs engaged in clinical research activities. Research focus areas include: Cardiovascular and Renal disease, Neurosciences, Bone and Joint, Cancer, Immunology, and Population Health and Healthcare.

Department of Public Health Sciences (PHS) – The Department of PHS conducts and promotes population and clinical research studies to advance biomedical knowledge that will result in disease prevention and overall improved health status. We specialize in applied statistics and epidemiology and thus both direct and support many of the grants and contracts at HFHS, including our new Precision Medicine Initiative: "All of Us[SM]" award. Our biostatistics team includes over 20 statisticians experienced in the areas of applied and theoretical statistics.

Center for Bioinformatics – Within PHS, the Center for Bioinformatics is composed of PhD and MS level statistical researchers who work in teams and collaborate with epidemiological, medical, and basic science researchers to design, analyze, and interpret high-throughput molecular data studies. We are involved in all areas of research from grant development and study design through analysis.

Required Qualifications
- M.S. in biostatistics, statistics, or related field
- Experience with regression modeling
- Expertise in statistical programming and data manipulation; SAS and/or R
- Excellent verbal communication skills to interact with teammates, researchers and clinical staff
- Excellent writing skills to prepare written reports and summaries, and familiarity with Microsoft Office
- Desire and willingness to learn and develop new skills

Desired Qualifications
- Experience with and/or interest in human subjects research, healthcare, and epidemiology
- Familiarity with and/or interest in the analysis of "omics" high dimensional data
- Familiarity with and/or interest in statistical data mining and machine learning tools

Qualified applicants should submit a CV with cover letter to Lisa King by email: lking2@hfhs.org, or mail: Henry Ford Health System, Attn: Lisa King MHSA, One Ford Place Suite 5C, Detroit, MI 48202

Applications received by January 15, 2019 will receive full consideration.