Henry Ford Health System
Department of Public Health Sciences
Seeks Research Programmer II

Location: Detroit, MI

Henry Ford Health System is committed to improving the health and well-being of our diverse Michigan community. Teaching, research, and advanced patient care make Henry Ford Health System (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 conducts and promotes population and clinical research studies and partners with bench scientists to advance biomedical knowledge and improve health outcomes through multi-disciplinary research. The department's research programming team specializes in data mining, data analysis and database development including geocoding and analysis.

The programming team includes highly skilled SAS and T-SQL programmers well-versed in clinical processes, medical terminology and epidemiology. We maintain the Epic (EHR) and other research relevant data in Research Data Warehouse (RDW) and provide information to research staff upon request. As needed, our seasoned programmers also create and maintain MS Access database solutions, or REDCap projects to facilitate in-house medical record abstraction and patient survey tracking or ASP.NET technology for internet based multi-site cohort studies. Geocoding and analysis are also a part of our work to support studies based on US census-based neighborhood socioeconomic status (SES) health behaviors and outcomes.

Job Description – Applicants can expect to work as part of a collaborative teams led by HFHS researchers. At the direction of the project manager, faculty members, principal Investigators or senior technical staff, the applicant will design, code, test, document programs as well as support research data collection, tracking, analysis and reporting systems. Responsibilities vary by project and may require the use of multiple programming languages, relational database systems, and operating systems.

Required Qualifications
- Bachelor's degree in Computer Science, Programming, Database Development, Web Development, or similar technical program.
- Excellent interpersonal, communication, organizational, and customer-service skills with the ability to interact effectively with colleagues with different levels of technical and scientific knowledge. Desire and willingness to learn and develop new skills.
- Proficient in base SAS or SQL programming languages.
- Knowledge of website building in .Net framework.
- Healthcare experience or medical terminology knowledge is required.

Desired Qualifications
- Have knowledge and/or experience in Tumor/Cancer/Pathology data.
- Knowledge of EPIC EMR, Clarity or METRIQ cancer registry structures.
- Experience with human subjects research, pharmaceutical industry drug/device trials, epidemiology.
- Have working knowledge of Microsoft Visual Studio, IIS, MS SQL Server, MS Access, SQL Server Reporting Services, etc.
- One to two years of relevant programming experience.

Qualified applicants please check the website for more details and to apply:
https://henryford.referrals.selectminds.com/jobs/research-programmer-ii-full-time-public-health-science-51346

Applications received by April 30, 2021, will receive full consideration.