



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 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 the Research Data Warehouse (RDW) and provide information to the 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. With 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.

Desired Qualifications

- Have knowledge and/or experience in Healthcare Laboratory settings.
- Have knowledge and/or experience in Tumor/Cancer biology.
- Have knowledge and/or experience in programming languages like SAS and T-SQL, and motivated to learn new programming tools and technology.
- Experience with human subjects research, healthcare, pharmaceutical industry drug/device trials, epidemiology, or statistical analysis.
- One to two years of relevant programming experience.

Qualified applicants please check the website for more details and to apply by Feb 20th 2018:

<https://henryford.referrals.selectminds.com/jobs/research-programmer-ii-public-health-sciences-40-hr-full-time-15690>

You can also submit a CV with cover letter to Mohammed Baseer by email: mbaseer1@hfhs.org, or mail: Henry Ford Health System, Attn: Mohammed A. Baseer MS, One Ford Place - Suite 5C, Detroit, MI 48202

Applications received by Feb 28, 2018 will receive full consideration.