

PhD Biostatisticians Sought for Co-Investigator Faculty Track (Open Rank) Department of Public Health Sciences, Division of Biostatistics

In the Division of Biostatistics our faculty are part of a team of statisticians at the MS and PhD level who collaborate on externally funded research programs and internally funded initiatives. Henry Ford Hospital was opened in 1915 to care for the people of metro-Detroit and to bring innovation to health care. The Division of Biostatistics has been a part of that mission for 40 years, collaborating with the over 100 dedicated research faculty, dozens of physician scientists, and many system-level programs at Henry Ford Health. Our team works on projects ranging from basic science and experimental models to population studies and clinical trials.

Henry Ford faculty biostatisticians bring expertise in study design and the analysis of data as members of team science programs in clinical and population science. Our faculty tend to engage with 1-3 clinical or research partnerships. These partnerships allow the biostatistician to learn the opportunities and pitfalls of research in that domain, while also learning the rhythms of the research team. With their home in the Division of Biostatistics, our biostatisticians have the support they need for career growth as well as peer-to-peer interaction for problem solving and team building.

- **Research partnerships are growing in the areas of cancer, cardiology, infectious disease, and surgery.**
- **Persons with interest or experience in multi-site data coordination center leadership, patient reported outcomes, implementation science, or graduate medical education are especially encouraged to apply**

Academic Affiliation and Promotion:

Henry Ford Health is in academic partnership with Michigan State University (MSU). Our faculty hold academic appointments with MSU and amplify the academic mission of the two institutions through research initiatives with trainees in the graduate medical education program. With our MSU partnership, we have new opportunities to mentor biostatistics students. Formal teaching at MSU is available but not required.

Our faculty progress through Assistant, Associate, and Senior Scientist ranks, parallel to an academic institution. Our Co-Investigator faculty track is team-science focused and promotion is based on extent and duration of collaborative funding, manuscripts, service to the profession and organization, and external recognition. Applications for PI funding are supported within the context of the team science but are not required. Faculty are allotted an annual professional development award to support training and participation in national societies. Development in statistical and clinical/population science domains is expected. A formal mentoring team is provided to all Assistant Scientists.

<https://humanmedicine.msu.edu/faculty-staff/faculty-affairs/promotion/hfhs.html>

Position Requirements:

- PhD in Biostatistics, Statistics, or equivalent with expertise in analysis techniques relevant to biomedicine and/or population science; rank is commensurate with experience.
- Expertise in one or more statistical programming languages (e.g., SAS, R), to reproducibly prepare data, conduct analysis, and generate figures, tables, and reports
- Excellent verbal and written communication skills to interact with various levels of research and clinical staff, and to help prepare funding proposals and scientific manuscripts
- Experience with grant proposal development for applications to federal funding agencies is expected of associate and senior faculty ranks

Position Expectations:

- **Collaboration within internally and/or externally funded programs as team scientists (60-80%)** – including activities such as grant development and data analysis, presentation of results in manuscripts and scientific forums. Depending on the size of the program, the faculty member may work independently, oversee a small team, or engage in leadership. Faculty are also expected to lead first author papers and may pursue funding.
- **Service to the institution (20-40%)** – including activities such as graduate medical education support, mentoring, committee service, protocol development, short-term collaboration, and hourly consulting.
- **The Division of Biostatistics offers a hybrid schedule** following a successful onsite onboarding period. Three days onsite is expected to support collaboration and training.

More about Research at Henry Ford Health

In the Department of Public Health Sciences (PHS), we strive to advance biomedical knowledge and improve health outcomes through multi-disciplinary research. With over 200 members, PHS has developed the infrastructure to support a full spectrum of research, from laboratory to clinical and population science, and is home to dozens of independently funded researchers who, while maintaining their personal research visions, work side-by-side with clinical and basic science colleagues to learn, collaborate, and share expertise. The Division of Biostatistics, within PHS, is home to ~20 statisticians, both master and doctoral level, experienced in the applied statistics. For more information, visit <https://www.henryford.com/hcp/research/public-population-research/public-health-sciences>

At Henry Ford Health we are in a premier academic medical center committed to improving the health and well-being of our diverse Michigan community through teaching, research, and advanced patient care. The Henry Ford Health research portfolio includes approximately 1,700 active studies directed by over 100 bio-scientific staff and dozens of physician-scientists. Much of our research is translational in nature - from bench to bedside – and includes basic science, clinical research, local and multi-center cohorts, and a growing investigator-initiated clinical trial program. New initiatives are also constantly developing within the Henry Ford Cancer Institute, Henry Ford Precision Medicine Initiative, and Patient Engaged Research Center programs. Please visit <https://www.henryford.com/hcp/research>

Information on benefits can be found here: <https://www.henryford.com/careers/benefits>

All research faculty are part of the Henry Ford Medical Group: <https://www.henryford.com/about/hfmg>

Qualified applicants should submit CV and cover letter to <https://bit.ly/HFHPublicHealthSciencesApply> (<https://redcap.hfhs.org/redcap/surveys/?s=74CKH9RHMARLEDEJ>). Candidates within 5 years of graduation should also submit a transcript.

The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not intended to be construed as an exhaustive list of all responsibilities and duties of personnel so classified.