Are you interested in becoming part of a dynamic team that is looking to innovate and improve? Would you like to work for a company that has been rated by the BBJ (15+yrs) as one of the best places to work? Do you want to be part of a company that is committed to giving back to the community?

The Research Fellow will perform research under the guidance of Marie-France Hivert, MD, MPH, an Associate Professor in the Department of Population Medicine (DPM) at Harvard Medical School and the Diabetes Unit at Massachusetts General Hospital. S/he will manage research projects from their initial development through publication of findings in medical journals. Research will be in the area of genomics and transcriptomics of glycemic regulation during pregnancy such as gestational diabetes, and other pregnancy-related metabolic disorders using a rich dataset from the prospective mother-child cohort Gen3G. Our current investigations focus on how placenta mRNA and microRNA contribute to maternal glycemic regulation during pregnancy, leveraging sequencing data available in Gen3G. Other projects may be available based on the interests of the Fellow and successful completion of primary analyses.

WHAT YOU WILL BE DOING

- Refines analytic plans for research papers. This involves creating detailed analysis plans, time-lines, and meeting with faculty and staff collaborators.
- Works with study team and statistician to develop plans for and conduct data analyses.
- Writes reports detailing research findings as needed for funders and for internal reporting such as to the IRB.
- Prepares manuscripts detailing research findings and submits to peer-reviewed medical journal.
- Gives presentations to departmental faculty and staff about research findings, and at external scientific conferences as appropriate.
- Works closely with DPM faculty mentor to monitor progress and resolve questions or issues that arise during the course of the research.
- Other duties and projects as assigned.

WHAT YOU NEED:

- Doctoral degree, such as an MD, or PhD, or in research phase of doctoral program.
- Intermediate knowledge of scientific research methods and biostatistics. Familiar with statistical software including R.
- Ability to learn techniques for analyzing complex data.
- Sound knowledge of computer systems, including word processing and presentation software.
- Strong written and interpersonal communication skills.
- Ability to work independently and manage time effectively.
- Ability to meet deadlines and work within budgets.
- Knowledge of genome-wide analyses of genetics and/or epigenetics data preferred.

WHAT MAKES US STAND OUT

- Work-Life-Flexibility
- Paid volunteer time off (up to 3 days annually)
- Open Time Off (include for exempt positions only)
- Annual Mini-Grant of $500 donated to a non-profit organization of the employee’s choice
- Educational Reimbursement

**Working Environment**
Standard office working environment.

**Disclaimer**
The above statements are intended to describe the general nature and level of work being performed by employees assigned to this classification. They are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of employees assigned to this position.

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