Are you looking for a place to work where the people genuinely care about shaping the future of health care? Do you want to work with people who are committed to and passionate about helping others live better, healthier lives - at a place where your coworkers are dedicated to innovative research and teaching?

If so, the Department of Population Medicine at the Harvard Pilgrim Health Care Institute (HPHCI) is the place for you. HPHCI is a collaboration between Harvard Medical School and Harvard Pilgrim Health Care and is the only appointing medical school department in the United States based in a health plan.

As part of our Department of Population Medicine team, you will have the opportunity to be a part of this growing field, which includes many different areas of research, such as Infectious Disease, Obesity, Aging, Cancer and Pediatrics.

*Come join our team!*

**Position Overview:**

The Lead SAS Programmer of the Research Support Data Center (RSDC) is responsible for leading the programming/analytic operations of the RSDC. This includes oversight of the development and maintenance of HPHC data sources and large research datasets, reviewing project requests and data budgets, and assigning project work to programmer/analysts. S/he will be an active lead contributor and take initiative to establish policies and plans for data development for research purposes, and is also a highly skilled Senior SAS Analyst.

The Lead SAS Programmer determines appropriate analytic approaches to surveillance and research projects, and designs and develops SAS programs that are flexible, reusable, scalable, computationally efficient and easily maintainable. Programs are expected to be parameterized and table-driven. This position requires high-level communication skills for close collaboration with investigators, project managers and other programmer/analysts, both within Harvard Pilgrim Healthcare Institute (HPHCI) and with external institutions.

**Duties and Responsibilities:**

- Design, develop, test, execute and maintain SAS programs in an administrative healthcare distributed data network environment.
- Perform and document quality control (QC) testing of SAS programs, in accordance with internal standard operating procedures (SOPs) and guidelines.
- Support analytic and statistical programming activities in the production of analysis datasets and custom analytics.
- Review project requests and data budgets, and assign project work to RSDC programmer/analysts.
• Manage data and analysis tasks on multiple epidemiological research projects for internal and external customers. Depending on the nature of the project, may work with a project team that includes many levels of staff, or may work independently with the investigator. Supports all aspects of the project, including work plan development, project design, developing SAS programs, data problem identification and resolution and results reporting.

• Use good judgment and practice in working with highly confidential information. Follow all applicable privacy and confidentiality procedures in daily work.

**Minimum Requirements:**

• BA/BS in public health, quantitative social sciences, economics, statistics, mathematics or related field required [MA/MS preferred],

• 7+ years of SAS programming experience, including macro programming and PROC SQL,

• Experience with medical coding systems (e.g., NDC, ICD-9, HCPCS/CPT, SNOMED CT, LOINC), basic medical terminology and introductory epidemiologic principles a plus,

• Writing and reviewing functional and technical programming specifications,

• Experience implementing study designs and statistical methods that address bias and confounding in observational data (e.g., self-controlled designs, propensity score methods) a plus.

• Strong written and oral communication skills.

**Working Environment:**

Normal office conditions. Must have ability to commute between HPHCI locations as required by the position.

**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.

Harvard Pilgrim Health Care (HPHC) does not accept unsolicited Agency resumes. HPHC will not pay fees to any third party agency or firm that does not have a signed "Employment Agency Agreement" already on file with Human Resources - The Office of Talent Acquisition.

We are an equal opportunity employer. We evaluate qualified applicants without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, veteran status, or any other protected characteristic. The EEO is the Law poster is available [here](#).