



## Epidemiologist

<b>Position:</b>	Epidemiologist
<b>Business Area:</b>	Population Health
<b>Reports To:</b>	President
<b>Classification:</b>	Full Time, Exempt
<b>Approval Date:</b>	February 21, 2019

### Position Summary

As a member of the HealthShare Exchange (HSX) team, the Epidemiologist role would report to the President of HSX and be involved in the oversight of public health projects, innovation, research endeavors and other health data sharing related services for the company and its subcontractor(s). The Epidemiologist would be responsible for leveraging the HSX data as a means of guiding the initiatives and direction for all HSX business areas. It would be this individual's responsibility to provide expertise in the design, management and evaluation of various population health, public health, practice engagement and innovation and research endeavors. As a member of project teams, the Epidemiologist would work closely with the Project Managers, Engineers, Developers on preparing and conducting data analyses. In addition, the Epidemiologist would be responsible to perform duties in accordance with any subcontracts for data analytic services that HSX establishes.

### Responsibilities

#### Role Responsibilities

- Performs statistical analyses for internal management purposes, established Population Health initiatives, research endeavors as well as in response to member/participant requests for custom reports.
- Completes analysis of data and health care quality metrics in concert with internal and external project assignments in support of all HSX business areas.
- Develops the design and analysis of surveillance investigations which may include (but are not limited to): communicable disease outbreaks, chronic illness conditions, disease risk factors, or other adverse health outcomes/risk factors.
- Applying sound research methodology, develops and implements surveys, data collection forms, data reports, online information resources, and other project management tools.
- For reporting innovation and research endeavors, verifies the integrity and quality of the data to be used for the analyses. Prepares graphs, narrative reports and presentations as needed to display results.



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- Facilitates HSX internal quality workgroup, provides reports to the HSX Leadership Team and ensures that there are plans for addressing data integrity and quality based on HSX's data governance protocols.
- Delivers formal internal and external presentations as requested. Tailors presentations based on level and knowledge base of audience, including interpretation of complex clinical data for non-clinical audiences.

## Additional Responsibilities

- In concert with HSX's subcontractor agreement, the Epidemiologist will work on the [Pennsylvania Urologic Regional Collaborative](#) (PURC) and other Health Care Improvement Foundation (HCIF) initiatives.
  - Coordinates data collection processes for HCIF project participants.
  - Maintains and designs project registry in collaboration with clinical champions and monitors periodic downloads. Interfaces with participants as needed to address data entry questions and assure timely data submission.
- Maintains a professional, trusting relationship with coworkers, members, vendors and healthcare stakeholders.
- Maintains professional and technical knowledge by attending educational workshops; reviewing professional publications and healthcare websites; establishing personal networks; and benchmarking state-of-the-art practices.
- Identifies and monitors public quality databases and other external information sources.
- Recommends strategies and procedures for enhancements to HSX and HCIF reporting and service capabilities.
- Performs ongoing assessments of HSX's data for continuous quality improvements.

## Required

- A Master's degree in Public Health or a related field. Academic preparation in public health, statistics, health care management, or similar discipline.
- Excellent organizational and time management skills.
- Excellent written and oral communication skills with experience in public presentations.
- Proficiency in Microsoft Excel, Word, and PowerPoint; and Tableau. Skills in Access and Adobe programs.
- Competence with using software applications in statistics, surveys, graphic presentations, spreadsheets, and database management. Working knowledge of applied statistics, research methods, web-based tools and computer systems.
- Able to work both independently and collaboratively with multiple stakeholders.



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- Working knowledge of health care, particularly health care delivery systems, quality metrics, and quality improvement methodologies.
- Ability to conduct literature reviews and web-based research.
- Ability to analyze, summarize and present clinical data.

## Desired

- A Master's degree in Public Health from an accredited college or university with a concentration in epidemiology with at least three (3) years of experience in the healthcare industry.
- Familiarity with Health Information Exchanges and Health Information Technology (HIT).
- Interest in marketing and social media is a plus.
- Proficiency in SPSS, R or REDcap a plus.

## Attributes

- Ability to manage multiple stakeholders effectively and work collaboratively.
- Effective time management skills to juggle multiple projects simultaneously. Must be able to manage competing demands of senior staff, meet all project deadlines and complete assignments promptly and responsively.
- Ability to communicate effectively.
- Good interpersonal skills.
- Strong problem solving and critical-thinking skills.
- Ability to work independently with minimal supervision.
- Highly motivated and enthusiastic about data management and reporting.