

**Job Title**

Epidemiologist

Reports to: Executive Director

FLSA Status: Nonexempt

Classification: Regular Full-time

Primary Responsibilities

Under general supervision, compiles, analyzes, interprets, investigates, and reports public health data for purposes regarding surveillance, detection and prevention of disease and public health crises; manages public health surveillance databases and compiles data for technical reports for the Southeast District Health Department (SEDHD).

Examples of Work Performed

- Plans, organizes, develops, and coordinates the investigation and evaluation of the causes of undesirable health events such as death and disability.
- Conducts communicable disease investigations and develops public health preparedness strategies.
- Assists in the design, implementation, and analysis of health and human service surveys and other research projects.
- Prepares and presents reports, statistical analyses, scientific papers, specific studies, and trends in epidemiology and public health to assess the health needs of the community.
- Compiles and analyzes data; assures validity, accuracy, and completeness of data; interprets the significance and meaning of data; analyzes multivariate and cluster trends in data analysis results and reports findings and anomalies.
- Assists with public health program evaluation and planning; assists in the development of grant proposals.
- Provides public education to citizens on a variety of public health topics
- Establishes and maintains databases.
- Generates maps for study of population demographics and undesirable health events.
- Analyzes disease trends and mortality and morbidity rates and develops comparison reports.
- Assists staff and representatives from other agencies through technical skills and survey design.
- Supports the relationship between the department and the general public by demonstrating courteous and cooperative behavior when interacting with citizens, visitors and department staff; maintains confidentiality of work-related issues and department information; performs other duties as required or assigned.
- May be required to respond afterhours, including holidays and weekends, in the event of a departmental or public health emergency.

Knowledge

- Federal and state laws, codes, rules, and regulations related to public and environmental health.
- State and federal public health protocols and regulatory standards.
- Principles and practices of database systems, including computerized data compilation techniques and statistical and spatial models for computer analysis, including SAS, SPSS, STATA and GIS.
- Techniques for investigating and analyzing complex public health problems and conditions.
- Public Health research protocols and statistical evaluation principles and methods.
- Medical terminology, anatomy, physiology, and concepts of disease.
- Surveillance program design and management for tracking pathobiology of infectious and chronic disease.

- Record keeping and file maintenance principles and procedures.

Skills and Abilities:

- Using computerized data bases for disease monitoring and trend analysis.
- Understanding, developing, manipulating, and analyzing database information in a variety of data formats.
- Compilation, analysis, and presentation of technical and statistical information in reports.
- Interpreting technical instructions and analyzing complex variables.
- Utilizing standard personal computer software programs and specialized state and county software.
- Communicating effectively verbally and in writing.
- Action-oriented, persevere, motivate others, and focus on program goals.
- Build and foster collaborative relationships across a wide range of organizational levels and disciplines.
- Coordinate the activities of diverse groups and agencies.
- Manage work processes, establishing and working under deadlines.
- Organize, plan, and prioritize projects using time management skills.
- Work independently and as part of a team.
- Exercise initiative, judgment, and discretion.

Minimum Qualifications

- Bachelor's Degree in Nursing, Epidemiology, Public Health, Biological Science, or related science field and one year of professional experience in public health related programs; OR an equivalent combination of education and experience.
- If BSN; Currently licensed as a Registered Nurse in the state of Nebraska or current compact state license required.
- Must possess a valid Nebraska Driver's license.

Additional Preferred Licensure/Certificates

- Master's Degree in Public Health, Biostatistics, Biological Science, or related field.
- Completion of relevant emergency management courses such as the Federal Emergency Management Agency (FEMA) Independent Study Series and appropriate NIMS and ICS courses. Successful completion of ICS 100, 200, 700, 800 within one month of employment.

Working Conditions

Work is performed primarily indoors in an office environment. Work during a public health emergency may be performed at healthcare agencies and emergency operation centers within SEDHD jurisdiction or other locations as needed. Work will include traveling to other facilities such as local or state public health facilities, hospitals, clinics, and community partner agencies.

How to Apply

Send resume and cover letter to careers@sedhd.org