

Job Duties & Responsibilities

POSITION TITLE: Epidemiologist
DEPARTMENT: Communicable Disease Control
SALARY RANGE: \$22.04 – \$27.55

REPORTS TO: Program Manager
CLASS: Staff Epidemiologist

GENERAL SUMMARY: The staff epidemiologist is responsible for investigating reportable diseases and conditions, educating the community about ways to prevent disease acquisition and spread, analyzing epidemiological data and reporting findings. Manages ongoing disease surveillance activities, provides infectious disease education to the health care community and non-medical organizations, groups or agencies.

ESSENTIAL JOB FUNCTIONS:

1. Investigate reportable diseases
2. Investigate suspected and confirmed outbreaks
3. Conduct field investigations
4. Analyze epidemiological data
5. Write outbreak reports
6. Monitor disease trends
7. Educate/counsel cases
8. Address phone and email inquiries
9. Provide support to TB nurse (e.g., assist with contact tracing, TB testing, directly observed therapy, etc.)
10. Complete contract deliverables and applicable reports
11. Draft and serve public health orders (e.g., Order of Isolation)
12. Remain current on applicable disease treatment, prevention, and control guidelines & recommendations
13. Provide epidemiology training to peers (e.g., correctional facilities and refugee agencies) and volunteers
14. Maintain relationships with infection control practitioners and epi staff from community (e.g., hospitals, military public health, school nurses, etc.)
15. Attend State Epidemiology/TB conference calls and meetings
16. Perform or assist with biological sample collection (e.g., venipuncture)
17. Carry out active surveillance projects
18. Assist in the development of written or verbal communication to the medical community (e.g., HAN messages, newsletter, etc.)
19. Present disease trend or disease prevention information to local healthcare workers, community organizations, and policy-makers
20. Initiate written or verbal communication to the medical community
21. Initiate or support special projects other than active surveillance which are designed to improve response to new, increasing, or recently identified public threats or outbreaks
22. Provide input in the update of program protocols
23. Mentor student interns
24. Remain proficient in assigned emergency response role
25. Perform other duties as assigned

KNOWLEDGE, SKILLS & ABILITIES:

1. Knowledge of Germ Theory
2. Knowledge of socioeconomic & cultural factors that influence health beliefs & treatment compliance
3. Knowledge of public health principles & practice
4. Knowledge of Idaho public health authorities & nursing laws (when applicable)
5. Skill to effectively communicate health information and provide excellent customer service
6. Skill to utilize cultural competencies when working with diverse populations
7. Skill to perform venipuncture
8. Skill to document case encounters
9. Skill to use a computer, Internet, & applicable applications (i.e., Word & Excel)
10. Skill to use Excel analytical software and/or other statistical applications (e.g., STATA, SAS, SPSS)
11. Ability to work with all age and minority groups
12. Ability to analyze public health data & conduct operational research
13. Ability to write technical reports
14. Ability to speak in public
15. Ability to manage & perform multiple projects/tasks simultaneously

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16. Ability to conduct scientific literature research to identify best practices, new or improved treatment guidelines, etc.
17. Ability to wear a N95 respirator
18. Ability to maintain confidentiality

EDUCATION & EXPERIENCE: Must possess a master's degree in public health, science (with an emphasis in epidemiology), health sciences or related degree and have at least 1 year of related experience **OR** be a licensed health care professional (e.g., RN, NP, PA, MD) in Idaho as defined by Idaho Code 54-1408 **OR** have a bachelor degree in a health related area and have experience in infectious diseases. Must possess and maintain a valid Idaho driver's license.