Position Description

Job Title: Infectious Disease Epidemiologist  
Location: Mashpee Tribal Offices  
Reports to: Emergency Management Director  
Department: Emergency Management  
Status: Contract Position through 6/01/2021  
Salary Range $88,276.00 - $93,973.00

JOB SUMMARY:

The Mashpee Wampanoag Tribe Emergency Management Department (MWTEMD) seeks to hire an Infectious Disease Epidemiologist as a contractor to conduct epidemiologic surveillance and investigations of public health associated infections, antibiotic resistance, vector-borne illnesses, vaccine preventable diseases and emerging infections such as novel coronavirus.

The selected candidate will serve as an educational resource regarding laws and regulations, activities dealing with communicable disease control, and help to formulate disease prevention policies.

The selected candidate will be responsible for studying outbreaks of infectious diseases, investigating patterns and causes of infectious diseases with a focus on SARS-CoV-2 (the virus that causes COVID-19), as a Public Health Professional. The Epidemiologist will study the cause and spread of the outbreak, collect data, and use the findings to better understand the transmission of infectious diseases. Ultimately the Epidemiologist attempts to contain current outbreaks and minimize future outbreaks. The Epidemiologist will be responsible for improving public health and developing health policies and procedures to contain and prevent infectious disease outbreaks. This position will seek to reduce the risk of occurrence of negative health outcomes through research, community education and public health policy.

The Epidemiologist will work closely with the Mashpee Wampanoag Tribe Public Health Advisor, Mashpee Wampanoag Health Service Unit and collaborate with county and state public health departments. The selected candidate will specialize in the Public Health areas of infectious diseases and Public Health Emergency Preparedness and Response. All duties and functions during contract period will be held in compliance with the Centers for Disease Control and Prevention (CDC) grant requirements.
DUTIES and Responsibilities (these are a general summary and not all inclusive):

- Monitoring outbreaks and assisting in in emergency situations.
- Designing, implementing, advising on, and updating health policies to minimize outbreaks and the spread of infections.
- Plan and direct studies of public health problems such as COVID-19 to find ways to prevent and treat them if they arise.
- Reviews surveillance data on an on-going basis to establish baselines and identify trends, outbreaks and clusters of communicable diseases.
- Communicate findings to Public Health Advisor, Emergency Management Director, and the Tribal Community.
- Manage public health programs by planning programs, monitoring their progress, analyzing data, and seeking ways to improve the programs in order to improve public health outcomes.
- Utilizing computer programs to compile, calculate, and analyze the data.
- Interacting with Tribal Community to collect infectious disease-related data through field research, observation, questionnaires, and studies.
- Prepares and delivers educational materials and lectures to professional and public groups in order to maintain awareness and understanding of disease epidemiology and control.
- Stays informed of current trends and data in the epidemiology of infectious disease, by reviewing the professional literature and by attending, when feasible and appropriate, seminars, courses and conferences.
- Responds to infectious disease emergencies on 24-hours/7 days a week basis by determining appropriate control methods in order to alleviate the crisis.
- Responds to general questions from the Tribal Community, public health partners, department heads, Tribal Council, etc. about communicable diseases affecting the public health and communicates the risks, prevention, and control measures associated with communicable diseases.
- Drafts summaries and final reports on investigations of communicable disease, participates in the development of advisories, press releases, alerts for the staff, public, school, and health clinic.
- Interprets the General Laws and Regulations regarding communicable diseases and advises Emergency Management Department, health professionals and the public.
- Stays informed of current trends and data in the epidemiology of infectious disease, by reviewing the professional literature and by attending, when feasible and appropriate, seminars, courses and conferences.
- Other duties as assigned.
To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the qualifications required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. Must be at least (18) eighteen years old.

**Required Qualifications:**

- Knowledge of the principles and practices of epidemiology, general immunology, biology and disease processes.
- Demonstrated familiarity of epidemiologic research methods and techniques.
- Proven knowledge of the methods of statistical and scientific report writing including the ability to prepare and use charts and diagrams.

**Preferred Qualifications:**

- Aptitude in adjusting to changing situations to meet emergency or changing program requirements, and follow-up to ensure that higher priority cases are followed up first and in greater detail than less urgent cases.
- Skilled in eliciting sensitive and confidential information.
- Able to work well independently.
- Proficiency using statistical analysis software, such as Stata, SAS, or R as well as Microsoft Programs including Access, Excel, PowerPoint and Word

**Education/Experience:**

Applicants must have at least (A) four (4) years of full-time, or equivalent part-time, professional or technical experience in epidemiology, biology, biostatistics, toxicology, environmental science, environmental health, ecology, public health, chemistry, virology, immunology, bacteriology, microbiology, or statistics and (B) of which at least one (1) year must have been in a professional capacity or (C) any equivalent combination of the required experience and the substitutions below.

I. A Bachelor’s degree with a major in epidemiology, biology, biostatistics, toxicology, environmental science, environmental health, ecology, public health, chemistry, virology, immunology, bacteriology, microbiology, statistics, or other health-related field may be substituted for a maximum of two (2) years of the required (A) experience.

II. A Master’s degree with a major in epidemiology, biology, biostatistics, toxicology, environmental science, environmental health, ecology, public health, chemistry, virology, immunology, bacteriology, microbiology, statistics, or other health-related field may be substituted for a maximum of three (3) years of the required (A) experience and one (1) year of the required (B) experience.*
INDEMNIFICATION

The Contractor shall indemnify and hold harmless The Mashpee Wampanoag Tribe against any and all liability, loss, damages, costs, or expenses for personal injury or damage to real or tangible personal property, arising out of or in connection with services performed under the terms of the Agreement.

POTENTIAL AGREEMENT PROVISIONS

Contractor is not eligible for any Mashpee Wampanoag Tribal benefits, including: Workman’s Compensation, health and/or dental insurance, life insurance, unemployment compensation or retirement benefits.

Contractor is responsible for all appropriate local, state and federal income taxes and for payment thereof. For the purpose of income tax reporting, The Mashpee Wampanoag Tribe Emergency Management Department will issue to the Contractor, a 1099 Form.

Contractor will be held accountable to the applicable Commonwealth Terms and Conditions.

Performance reviews will be conducted to ensure the contracted work has been completed by their supervisor.

Additional Requirements:

Comprehensive Background Check - The background check will also be used to evaluate an applicant’s character, integrity and trustworthiness as it pertains to the sensitive nature of the tribal area to be protected.

Preference is given to qualified Native American candidates in accordance with the Indian Preference Act of 1934 (Title 25, U.S.C., and Section 472)

Interested candidates should email resume or questions to;
Nelson.AndrewsJr@mwtribe-nsn.gov