

STATE OF OHIO (DAS)
CLASSIFICATION
SPECIFICATION

CLASSIFICATION SERIES:

Veterinary Bacteriologist

SERIES NO.:

6596

MAJOR AGENCIES:

Agriculture only

EFFECTIVE DATE:

01/09/2005

SERIES PURPOSE:

The purpose of the veterinary bacteriologist occupation is to manage a comprehensive veterinary diagnostic bacteriology program, direct activities of assigned area in the animal disease diagnostic laboratory & supervise assigned staff.

CLASS TITLE

Veterinary Bacteriologist

CLASS NUMBER

65961

PAY RANGE

17

EFFECTIVE

01/09/2005

CLASS CONCEPT:

The expert level class works under administrative direction & requires extensive knowledge of veterinary medicine, animal bacteriology & microbiology, diagnostic test procedures & techniques & supervisory principles/techniques in order to manage comprehensive veterinary diagnostic bacteriology program, direct activities of assigned area within animal disease diagnostic laboratory & supervise assigned staff (e.g., microbiologist; laboratory technician).

<u>CLASS TITLE</u>	<u>CLASS NUMBER</u>	<u>B. U.</u>	<u>EFFECTIVE</u>	<u>PAY RANGE</u>
Veterinary Bacteriologist	65961	EX	01/09/2005	17

JOB DUTIES IN ORDER OF IMPORTANCE: (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Manages comprehensive veterinary diagnostic bacteriology program, directs activities of assigned area within animal disease diagnostic laboratory & supervises assigned staff (e.g., microbiologists; laboratory technicians).

Coordinates, develops & implements comprehensive veterinary bacteriology program; develops protocols & implements bacteriological testing schedule & procedures (e.g., aerobic & anaerobic bacterial cultures & sensitivity; manual & automated bacterial identification, culture & identification of various fastidious animal pathogens including mycoplasma, mycobacterium & salmonella); applies DNA probe technology for detection of animal pathogens; develops appropriate quality control to verify laboratory findings; trains staff; oversees technology, processes & procedures of laboratory staff assigned to bacteriology; advises management of needs (e.g., personnel; equipment; budgetary needs) of bacteriological section; attends & participates in meetings & training seminars to maintain professional competency.

Serves as liaison (e.g., makes public speeches; develops posters & presentations for professional meetings, publication of work related reports &/or studies in professional journals; interacts with agents of livestock, poultry & allied agricultural agencies, county extension agents, vocational agricultural students & teachers) for assigned area; participates in student teaching & orientation of Ohio State University senior veterinary medical students during Ohio Department of Agriculture training rotation.

Obtains case histories from livestock/poultry owners, veterinarians & others submitting animals, tissues, environmental samples & feedstuffs for diagnostic evaluation & determines appropriate culture technique to isolate & identify etiological agent necessary to establish case diagnosis; advises veterinarians, diagnosticians & other laboratory personnel on selection of appropriate diagnostic specimens & interpretation of laboratory findings; researches literature to determine specialized bacterial culture procedures necessary for isolation & identification of causative organisms; consults with microbiologists/bacteriologists & specialists to determine case diagnosis; implements protocols or refers case materials for specialized culture needs; communicates with other laboratory personnel to schedule & coordinate procedures; conducts &/or oversees testing of various diagnostic specimens; interprets laboratory results, writes documentation & communicates findings/diagnosis to others (e.g., pathologist; diagnostician; referring veterinarian).

MAJOR WORKER CHARACTERISTICS:

Knowledge of veterinary medicine; animal bacteriology; microbiology; state & federal regulations applicable to practice of veterinary medicine & bacteria in animals; bacterial diagnostic test procedures; managerial principles/techniques, supervisory principles/techniques; research techniques; public relations. Skill in use of laboratory equipment; personal computer. Ability to apply existing theory & research findings to define unusual & complex problems, collect data, establish facts & draw conclusions; comprehend an extensive variety of highly complex & technical material; write & edit complex theoretical & informational materials for technical & professional audiences; demonstrate dexterity to use hands skillfully.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:

License to practice veterinary medicine issued by Ohio Veterinary Medical Board or eligibility for a license to practice veterinary medicine or possession of out-of-state license to practice veterinary medicine as issued by another state; eligibility for accreditation under CFR, Title 9, Part 161 issued by United States Department of Agriculture (i.e., U.S.D.A.); completion of graduate program in microbiology; under supervision of board certified specialist from an accredited college of veterinary medicine &/or board certification in the appropriate specialty; 5 yrs. exp. in veterinary diagnostic laboratory; 2 yrs. exp. in supervisory principles/techniques; 6 mos. exp. with OIE (Office of International Epizooties) quality standards for veterinary laboratories (e.g., Infectious Diseases).

-Or equivalent of Minimum Class Qualifications For Employment noted above.

TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:

Bi-annual renewal of license to practice veterinary medicine issued by Ohio Veterinary Medical Board or 30 hours of continuing education in veterinary medicine.

UNUSUAL WORKING CONDITIONS:

Exposed to potential disease producing agents (e.g., bacteria; viruses; parasites; chemicals; other intoxicants); exposed to laboratory atmosphere/environment of animal disease diagnostic laboratory.