

Animal & Plant Health Inspection Service

Job Title:Mathematical Statistician

Department:Department Of Agriculture

Agency:Animal and Plant Health Inspection Service

Job Announcement Number:24VS-2014-0041

SALARY RANGE: \$31,628.00 to \$62,297.00 / Per Year

OPEN PERIOD: Tuesday, March 18, 2014 to Tuesday, April 08, 2014

SERIES & GRADE: GS-1529-05/09

POSITION Full Time - Permanent

INFORMATION:

PROMOTION POTENTIAL:09

DUTY LOCATIONS: 1 vacancy - Ames, IA [View Map](#)

WHO MAY APPLY: This announcement is open to all United States citizens.

*Allow 90 days from the closing date of announcement, to complete basic education requirements.

SECURITY Public Trust - Background Investigation

CLEARANCE:

SUPERVISORY STATUS: No

For more information or to apply, go to: <https://www.usajobs.gov/GetJob/ViewDetails/364413300>

JOB SUMMARY:

APHIS is an emergency response agency. This means that all Agency employees may be asked or assigned to participate in rotating temporary duty assignments to support emergency programs at some time during their careers with APHIS. For details click: [APHIS Emergency Response](#)

TRAVEL REQUIRED

- Occasional Travel
- May be required.

RELOCATION AUTHORIZED

- No

KEY REQUIREMENTS

- You must be a US Citizen or US National.
- Males born after 12/31/59 must be registered with the Selective Service.
- Subject to satisfactory completion of one year probationary period.

DUTIES:

The duties described are for the full-performance level. At developmental grade levels, assignments will be of more limited scope, performed with less independence and limited complexity.

The duties may include, but are not limited to:

- Serves as a data handling interface between licensed manufacturers and CVB. Works with industry to provide technical advice and guidance for data submission formats. Evaluates submitted data for errors and possible fraud. Explores data for validity and characteristics related to study design.
- Works independently to evaluate data submitted to CVB. Prepares and processes data, and imports data into statistical software. Provides tabular and graphical summaries of data. Provides written assessments of the data in the context of study reports, outlines of production, and other documents. Develops a variety of custom summaries, graphics, and analyses as requested.

- Performs statistical analyses of data from various types of studies. Conducts statistical analysis of standard study types independently and works with senior statisticians on more complex study designs or unusual situations.
- Works with statistical programmer to help develop software tools for submitting, processing and analyzing data. Assists statistical programmer in software support.
- Develops and prepares a variety of written reports that require intermediate types of computations and compilations. Reports at this level require detailed scrutiny of the study design and methods used to collect the data and the characteristics of the subject matter area. Recognizes disparity between reports and explains circumstances which are not evident in the data.

QUALIFICATIONS REQUIRED:

Applicants must meet the Basic Qualification Requirement and eligibility requirements no later than 90 days from the closing date of announcement (April, 8, 2014), including the following specialized experience and/or education, as identified by grade level.

BASIC REQUIREMENT: A. Degree: that included 24 semester hours of mathematics and statistics, of which at least 12 semester hours were in mathematics and 6 semester hours were in statistics.

OR

B. Combination of education and experience - at least 24 semester hours of mathematics and statistics, including at least 12 hours in mathematics and 6 hours in statistics, as shown in A above, plus appropriate experience or additional education.

Evaluation of Education:

Courses acceptable toward meeting the mathematics course requirement of paragraphs A or B above must have included at least four of the following: differential calculus, integral calculus, advanced calculus, theory of equations, vector analysis, advanced algebra, linear algebra, mathematical logic, differential equations, or any other advanced course in mathematics for which one of these was a prerequisite. Courses in mathematical statistics or probability theory with a prerequisite of elementary calculus or more advanced courses will be accepted toward meeting the mathematics requirements, with the provision that the same course cannot be counted toward both the mathematics and the statistics requirement.

Evaluation of Experience:

The experience offered in combination with educational courses to meet the requirements in paragraph B above should include evidence of statistical work such as (a) sampling, (b) collecting, computing, and analyzing statistical data, and (c) applying known statistical techniques to data such as measurement of central tendency, dispersion, skewness, sampling error, simple and multiple correlation, analysis of variance, and tests of significance.

Without other indications of statistical experience, work required in the processing of numerical or quantified information by other than statistical methods is not considered appropriate qualifying experience. Examples of such non-qualifying work include statistical clerical work; statistical drafting; calculation of totals, averages, percentages, or other arithmetic summations; preparation of simple tables or charts; or verification of data by simple comparison or proofreading.

FOR THE GS-05 LEVEL: Applicants who meet the basic requirements qualify for this grade level.

AGENCY CONTACT INFO:

DO NOT EMAIL DOCUMENTS

Phone: 612-336-3345

Fax: 612-336-3560

Email: Mary.M.Buresh@aphis.usda.gov

Agency Information:

Animal and Plant Health Inspection Service

100 N 6th Street, Butler Sq Bldg, 510C

Minneapolis, MN 55403

Fax: 612-336-3560