

0601 – Health Scientist (Lab Informatics)

Major Duties for This Position May Include:

- Provides scientific advice in coordinating and maintaining public health informatics project goals, objectives, and priorities within a CIO and in the public health community.
- Performs scientific work responsible for evaluating and developing approaches for strengthening the standardization and utility of national health information systems, their products, policies, and processes, with specific emphasis on electronic data interchange and electronic media.
- Provides advice on the application of IT to the development and promotion of uniform data elements in national health information systems.
- Manages projects involved with public health informatics and serves as a subject matter expert in the design and implementation of IT systems integrating epidemiologic and other information from a scientific perspective.

Related Competencies

- Data Analysis
- Data Collection
- Program Evaluation
- Project Management

Basic Requirements

Bachelor's, graduate, higher-level degree in major study in an academic field related to the medical field, health sciences or allied sciences appropriate to the work of the position. This degree must be from an educational program from an accrediting body recognized by the [U.S. Department of Education](#) at the time the degree was obtained.

Minimum Qualifications

In additions to meeting the basic requirements above, applicants must meet the minimum qualifications requirement as defined below:

GS-07 Specialized Experience Requirements

You must have one year of specialized experience at a level of difficulty and responsibility equivalent to the GS-05 grade level in the Federal Service. Specialized experience for this position includes:

- Assisting with scientific studies and technical issues on public health programs.

Or Education

One full year of graduate level education.

Or Superior Academic Achievement

Based on a bachelor's degree that is demonstrated through class standing (upper 1/3 of class); grade point average (3.0/4.0 overall or 3.5/4.0 in major), or election to membership in a qualifying national scholastic honor society.

Or Combination

You may qualify on a combination of education and experience, the total percentage of experience at the required grade level compared to the specialized experience requirement, as well as the percentage of completed education compared to the educational requirement must equal at least 100 percent.

GS-09 Specialized Experience Requirements

You must have one year of specialized experience at a level of difficulty and responsibility equivalent to the GS-07 grade level in the Federal Service. Specialized experience for this position includes:

- Assisting with conducting, identifying and/or analyzing scientific studies and technical issues on public health programs.

Or Education

2 years of progressively higher-level graduate education leading to a master's degree *or* master's or equivalent graduate degree if related. **TRANSCRIPTS REQUIRED.**

Or Combination

You may qualify on a combination of education and experience. The total percentage of experience at the required grade level compared to the requirement, must equal at least 100 percent. Only graduate level education more than the first 18 semester hours (27 quarter hours) may be combined to be considered for qualifying education. **TRANSCRIPTS REQUIRED.**

GS-11 Specialized Experience Requirements

You must have one year of specialized experience at a level of difficulty and responsibility equivalent to the GS-09 grade level in the Federal Service. Specialized experience for this position includes:

- Providing advice and assistance in designing, coordinating, and maintaining public health informatics systems in various public health program areas.

Or Education

Ph.D. or equivalent doctoral degree or three (3) full years of progressively higher-level graduate education. **TRANSCRIPTS REQUIRED.**

Or Combination

You may qualify on a combination of education and experience. The total percentage of experience at the required grade level compared to the requirement, must equal at least 100 percent. Only graduate level education more than the first 36 semester hours (54 quarter hours) may be combined to be considered for qualifying education. **TRANSCRIPTS REQUIRED.**

GS-12 Specialized Experience Requirements

You must have one year of specialized experience at a level of difficulty and responsibility equivalent to the GS-11 grade level in the Federal Service. Specialized experience for this position includes:

- Developing, evaluating, and analyzing laboratory and public health informatics, surveillance data and/or systems as well as using data science tools and methods for case surveillance data.

Note: There is no substitution of education for specialized experience at the GS-12 level.

GS-13 Specialized Experience Requirements

You must have one year of specialized experience at a level of difficulty and responsibility equivalent to the GS-12 grade level in the Federal Service. Specialized experience for this position includes:

- Providing scientific advice on the development and implementation of laboratory and public health informatics strategies for surveillance programs and for epidemiologic and other public health information systems.

Note: There is no substitution of education for specialized experience at the GS-13 level.

GS-14 SPECIALIZED EXPERIENCE REQUIREMENTS

You must have one year of specialized experience at a level of difficulty and responsibility equivalent to the GS-13 grade level in the Federal Service. Specialized experience for this position includes:

- Developing scientific policies for laboratory and public health informatics
- Evaluating information technology (IT) and data systems as well as providing advice
- Implementation of laboratory and public health informatics strategies for surveillance systems and other public health information systems

Note: There is no substitution of education for specialized experience at the GS-14 level.

GS-15 Specialized Experience Requirements

You must have one year of specialized experience at a level of difficulty and responsibility equivalent to the GS-14 grade level in the Federal Service. Specialized experience for this position includes:

- Managing, planning, developing, coordinating, and evaluating laboratory and public health surveillance programs and activities related to notifiable conditions and syndromic surveillance, data science and analytical activities.

Note: There is no substitution of education for specialized experience at the GS-15 level.

Experience refers to paid and unpaid experience. Examples of qualifying unpaid experience may include volunteer work done through National Service programs (such as Peace Corps and AmeriCorps), as well as work for other community-based philanthropic and social organizations. Volunteer work helps build critical competencies, knowledge, and skills; and can provide valuable training and experience that translates directly to paid employment. You will receive credit for all qualifying experience, including volunteer experience.