

Senior Laboratory Scientist

Job Code
8093C3

Job Title
Senior Laboratory Scientist

Pay Grade
32

CONCEPT:

This is specialized, administrative work in managing a state laboratory analytical program. Work involves directing, planning and organizing major laboratory investigations, research efforts, or analytical operations and includes professional leadership to solve complicated technical issues. Work also involves responsibility for directing laboratory programs which require the highest level of technical knowledge and professional experience. Work involves investigation, modification and development of laboratory analytical systems and procedures.

TASKS:

- Participates in developing and monitoring agency projects which require coordinating analytical and enforcement operations.
- Plans, implements and conducts programs of investigation, analysis and applied research. Interprets scientific data in conjunction with investigation and agency program objectives.
- Provides professional supervision and direction of complex chemical or microbiological laboratory programs. Solves advanced analytical problems, develops operation protocols and monitors the use of personnel, including staffing, facilities, equipment and materials.
- Coordinates and evaluates specialized laboratory operations. Develops budget projections, analyzes the need for laboratory improvements and recommends modifications in capability or approach in keeping with state-of-the-art technology. Develops agency purchasing specifications.
- Develops, implements and/or monitors laboratory safety programs to insure staff protection and prevent laboratory accidents.
- Develops and presents scientific reports. Evaluates studies made by other laboratory staff and guides development toward publication.
- Provides consultation to public and private professionals, other agency staff, independent laboratories, hospitals, physicians, other state agencies and other agency bureaus regarding complex sampling procedures and the interpretation of laboratory results.
- Designs and directs an extensive quality assurance program to insure the production of technically and legally defensible data.
- Directs a statewide program to certify and improve clinical, environmental and law enforcement laboratories.

LEVELS OF WORK

- Class Group consists of one class.

Minimum Requirements:

Bachelor's degree in a natural science field and five years of experience in natural sciences or a Master's degree in a natural science field and four years of experience in a natural science field. Additional experience in the areas listed above may be substituted for the required education as determined relevant by the agency.

REF: 12/13