

To: Peter
From: K M

CITY RESEARCH SCIENTIST

Duties and Responsibilities

This class of positions encompasses responsible supervisory and administrative professional scientific work of varying degrees of difficulty and with varying degrees of latitude for independent initiative and judgment involving research in a physical, biological, environmental or social science area performed in a laboratory or other organizational unit. There are three assignment levels within this class of positions. All personnel perform related work. The following are typical assignments within this class of positions.

Assignment Level I

Under direction, with wide latitude for the exercise of independent judgment and initiative:

Supervises subordinate personnel in the conduct of research investigations on specific problems in a major field of physical, biological, environmental or social science, as directed by higher-level research scientists.

Makes and records observations on the progress of research investigations and evaluates data.

Instructs subordinate personnel in research methods and techniques.

Assists in the coordination of research efforts of the agency with other research projects.

Designs, executes and interprets experiments.

Maintains records and prepares reports.

Assignment Level II

Under general direction, with very wide latitude for the exercise of independent judgment and initiative:

Supervises essentially independent investigations in a major field of physical, biological, environmental or social science.

Evaluates methods, procedures, and data obtained from scientific investigations.

Assists in coordinating the research efforts of the agency with research projects in other agencies or institutions.

Studies and evaluates literature in the scientific field of specialization.

Writes papers on research results or findings for publication.

CITY RESEARCH SCIENTIST (continued)

Assignment Level III

Under administrative direction, with the widest latitude for the exercise of individual judgment and initiative:

Plans, develops, installs and is responsible for research activities in a major field of physical, biological, environmental or social research.

Plans and directs research in an assigned field of inquiry designed to add to existing knowledge in the physical, biological, environmental or social sciences as related to the mission and activities of the agency.

Provides leadership and general direction to agency personnel in planning, conducting, and coordinating specific research projects.

Selects broad scientific approaches to the research problems involved.

Approves, modifies, or disapproves studies recommended by subordinate employees.

Plans and carries out activities to develop effective coordination between the research efforts of the agency and other research projects.

Participates in conferences, meetings, seminars, etc. on the planning and development of sound research projects.

Writes technical articles or books.

Qualification Requirements

1. A doctorate degree from an accredited college or university with specialization in an appropriate field of physical, biological, environmental or social science and one year of full-time experience in a responsible supervisory, administrative or research capacity in the appropriate field of specialization; or
2. A master's degree from an accredited college or university with specialization in an appropriate field of physical, biological, environmental or social science and three years of responsible full-time experience in the appropriate field of specialization, including one year of full-time experience in a responsible supervisory, administrative or research capacity in the appropriate field of specialization; or

CITY RESEARCH SCIENTIST (continued)

Qualification Requirements (continued)

3. Education and/or experience which is equivalent to "1" or "2" above. However, all candidates must have a master's degree in an appropriate field of specialization and one year of full-time experience in a responsible supervisory, administrative, or research capacity as described in "2" above.

Lines of Promotion

None. This class of positions is classified in the Non-Competitive Class.