

RESEARCH SCIENTIST 1

KIND OF WORK

Scientific research on a project.

NATURE AND PURPOSE

An employee in this class performs scientific research under supervision on specialized projects. He/she assists in planning, conducting and evaluating the research and participates in writing reports and publications. The employee provides leadwork for technical aides and is under the supervision of a Research Scientist Intermediate or Senior.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Receives assignment of specific aspects of the general research programs and prepares a plan of action which is reviewed and approved by the supervisor.

Conducts research according to plan using scientific judgment to complete each phase.

Evaluates data accumulated and submits results and interpretation to the supervisor.

After approval, prepares preliminary reports for approval.

Develops techniques for applying the scientific method to the study.

Conducts critical reviews of literature relating to the project area.

Assists in instructing other personnel in methods and techniques utilized.

Performs related work as required.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

Analytical, experimental, and research techniques and their application to applied research in physical or social science disciplines.

Current literature on related research activities.

Ability to:

Assist in planning, conducting and evaluating research projects.

Participate in teaching of principles and methods involved in the particular field of research.

Establish and maintain effective working relationships with others.

Est.: 6/50
Rev.: 7/78

T.C.:
Former Title(s):