

RESEARCH SCIENTIST 3

KIND OF WORK

Difficult scientific research work.

NATURE AND PURPOSE

An employee in this class is responsible for independently performing research work designed to test specific hypotheses or to make certain observations within the health or environmental science fields. Responsibility extends to planning, designing, and developing methods and procedures for completing given research projects. Work is performed under general direction and review is in terms of results achieved.

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

Plans, designs, and carries out research projects in order to test hypotheses or to make certain observations within a major subject area in the health or environmental fields.

Advises research workers on problems of research procedures and techniques to ensure that current and valid techniques are used in conducting studies.

Examines and evaluates research activities in the project in order to report to the Research Project Supervisor on results and recommendations.

Prepares, and assists others in preparing, research reports for publication so that research findings can be shared with interested persons.

Provides expertise and coordination for preparation of all environmental documents completed by the Pollution Control Agency so that the documents are comprehensive, multi-disciplinary, and consistent with the requirements of the Minnesota Environmental Policy Act.

Performs related work as required.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

Scientific, experimental and research techniques.

Research Scientist 3

Class Specification

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The procedures for planning, executing, evaluating and reporting controlled experimental research in the physical and social sciences.

Current literature on research activities relating to health or environmental fields.

Ability to:

Establish and maintain effective working relationships with others.

Write, collaborate in writing, or assist others in writing articles or papers on the results of research projects.

Est.: 6/7/50

Rev.: 1/26/59, 4/9/70, 10/81

T.C.:

Former Title(s):