

RESEARCH ASSISTANT II

NATURE OF WORK

This is intermediate level, moderately difficult professional and technical work in a research support capacity.

Work involves participation in research in any one of a number of disciplines including biology, chemistry, physics and medicine and related sciences. Work includes responsibility for reading literature relating to new research procedures, experimenting with and modifying these procedures for a particular project or experiment, performing the experiment, recording data and reporting results. On routine matters, employees work independently; but on more difficult assignments, work methods and progress is reviewed by a professional superior. Supervision may be exercised over small groups of subordinate employees. Work is reviewed principally by observation of results obtained and through conferences.

ILLUSTRATIVE EXAMPLES OF WORK

Perform research requiring use of independent judgement based on relevant technical experience.

Does laboratory tests and analyses requiring use of judgement in determining the procedures to be used and in interpreting results.

Conduct library searches for research data and other technical data.

Perform surgical procedures on research animals.

Analyzes data and writes reports on research progress and results.

Develops curriculum materials; serves as instructional assistant as assigned.

Perform related work as required.

REQUIREMENTS OF WORK

Some related work experience; completion of most college level work equivalent to a masters degree with major course work in the field of assignment; or any equivalent combination of experience and training which provides the following knowledge, abilities and skills:

Knowledge of the principles of the field of learning in which the work is to be performed.

Knowledge of the methods, materials, procedures and techniques used in research or experimental laboratory work.

Knowledge of the practical and potential values of research and experimentation in the field involved.

Knowledge of the form and style of research reporting.

Ability to understand and follow complex oral and written instructions.

Ability to participate in the evaluation and analysis of existing techniques and procedures and to assist in devising new techniques and procedures.

Ability to observe, analyze and report objectively the results of research experimentation.

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