

RESEARCH ASSISTANT III

NATURE OF WORK

This is senior level professional and technical work in a research support capacity.

Work involves major responsibility on aspects of research projects in any one of a number of disciplines, including biology, chemistry, physics and medicine and related sciences. An employee in this class must possess advanced knowledge and be capable of exercising considerable independent judgement as he may be the only representative of a certain technical specialty on a research team. Work requires familiarity with a wide range of work situations and techniques common to the particular field of research. Work may involve supervision of other professional and technical employees. Work is performed with considerable technical independence and is reviewed principally by observation of results obtained.

ILLUSTRATIVE EXAMPLES OF WORK

Perform research for a major research project, requiring considerable independent interpretation of research data.

Perform complex laboratory work with responsibility for the independent development of methods and procedures.

Operate complex scientific equipment.

Assist faculty researchers in the design of research projects and the preparation of research proposals.

Perform related work as required.

REQUIREMENTS OF WORK

Experience in research work in the field of assignment; completion of most college level work towards a doctor's 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:

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

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

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

Ability to understand and follow complex oral and written instructions.

Ability to evaluate and analyze existing techniques and procedures and to develop new techniques and procedures.

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

Ability to plan and direct the work of professional and technical research personnel.

Ability to establish and maintain effective working relationships with faculty and research personnel.

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1993.03.18

Confirmed: 2004.01.05