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Mathematical Statistician 07

GS-1529-07

NOTE: THE SENTENCE IN PART I DESCRIBING THE PURPOSE OF THE POSITION AND PARTS II AND III IN THEIR ENTIRETY ARE PERMANENT PARTS OF THE LIBRARY AND MAY NOT BE CHANGED OR EDITED IN ANY WAY.

I. INTRODUCTION

This position is located in

Serves as an advanced trainee doing work requiring professional training in mathematics and statistics performing duties designed to provide orientation in the mission and work of the organization.

II. MAJOR DUTIES AND RESPONSIBILITIES

Performs progressively more difficult assignments to assist higher-level mathematical statisticians. Applies mathematical statistical theories, techniques, and methods to project-related activities. Evaluates data and related information, assisting in problem resolution. Assists in preparing technical documentation. Makes preliminary recommendations. Assignments provide experience and training to orient the incumbent to technical programs, operating procedures, and administrative policies and regulations.

III. FACTOR LEVELS

Factor 1 - Knowledge Required by the Position FL 1-6, 950 pts.

Knowledge of general mathematics such as advanced algebra, differential and integral calculus, and theory of differential equations to correlate various calculations, analyses, and computations for unknown factors and to carry out small studies with recurrent and predictable factors.

Knowledge of, and skill in applying the principles, theories, concepts and methodology of mathematical statistics to research, analyze, interpret, evaluate, and perform difficult, but well precedented assignments

Knowledge of organizational programs, terminology, procedures, and standards in order to perform background research and analysis of data.

Factor 2 - Supervisory Controls FL 2-2, 125 pts.

The supervisor assigns individual projects with clear instructions as to the analyses and results required, and provides instructions on methods for new or more difficult assignments. Employee independently completes recurring assignments, but refers problems not covered by instructions to supervisor. Work is reviewed for adherence to instructions and standard procedures. New or more difficult assignments are reviewed in-progress.

Factor 3 - Guidelines FL 3-2, 125 pts.

Guidelines include established procedures and techniques and clear precedents many of which are directly applicable to the work. The incumbent uses judgment in selecting and applying the most appropriate guidelines, and determines the appropriateness and applicability of any minor deviations within existing guidelines. Situations to which the existing guidelines cannot be applied or require significant deviations are referred to the supervisor.

Factor 4 - Complexity FL 4-2, 75 pts.

Work consists of specific related tasks that provide experience in the methods, practices, and procedures of the field. The incumbent decides what needs to be done by analyzing, evaluating, and selecting an appropriate course of action from many known alternatives. This requires the incumbent to recognize the similarities and differences among a few easily recognizable situations and to consider factors such as the source of information and the nature of the project-related activities.

Factor 5 - Scope and Effect FL 5-2, 75 pts.

The purpose of the work is to provide advanced developmental assignments designed to expose the incumbent to specific mathematical statistical standards, methods, and procedures and a complete segment of an assignment or project. Work results affect the overall accuracy, reliability, acceptability, and timeliness of the final work products or services developed or completed by higher-graded mathematical statisticians.

Factor 6 - Personal Contacts FL 6-2, 25 pts.

Contacts are with employees within the organization who perform work for the assigned programs/projects. Contacts may include employees of other Federal agencies or the general public.

Factor 7 - Purpose of Contacts FL 7-1, 20 pts.

Contacts are to obtain, clarify, or exchange information related to the work assignments.

Factor 8 - Physical Demands FL 8-1, 5 pts.

Work is primarily sedentary, requiring no special physical demands.

Factor 9 - Work Environment FL 9-1, 5 pts.

The work is performed in a typical office setting.

TOTAL = 1405 pts.

This position is non-exempt from coverage under the Fair Labor Standards Act.

IV. UNIQUE POSITION REQUIREMENTS

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