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Oceanographer Researcher 13

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I. INTRODUCTION

This position is located in

Serves as the sole researcher or head of a research team of scientists performing research into critical problems of oceanography.

II. MAJOR DUTIES AND RESPONSIBILITIES

Writes scientific papers for publication, investigates long range and short term problems, and recommends solutions for problems related to oceanography.

III. FACTOR LEVELS

Factor 1 - Research Situation Degree C - 6 points

Formulates and conducts systematic oceanographic research on a problem area of considerable scope and complexity. The investigation must be approached by a series of complete but related studies. Personally conducts the research and/or leads a team of scientists/technicians. The investigations require unconventional or novel approaches for resolution, including sophisticated research techniques.

Completed research will result in a series of publishable contributions to oceanographic knowledge to answer important questions in the scientific field, account for previously unexplained phenomena, and/or open new avenues of further study. The research will make important contributions to oceanography which may result in important changes to existing products, processes, techniques or practices. It will also represent an important contribution to the validation or modification of scientific theory or methodology relating to the topic area.

Factor 2 - Supervision Received Degree C - 6 points

Is assigned a broad problem area with freedom to identify, define and select the specific problems for study. Is responsible for determining the most fruitful investigations and approaches to the problem area.

With little or no supervisory assistance, incumbent formulates hypotheses, develops and carries out plan of attack, for coping with novel and difficult problems requiring modification of standard methods, for analyzing and interpreting results, and for preparing comprehensive reports of findings. The researcher has full responsibility for decisions regarding the use of equipment and other resources available. The supervisor is kept informed through informal discussions of general plans and progress of work. Completed work is reviewed for overall results.

Factor 3 - Guidelines and Originality Degree C - 6 points

Significant gaps or contradictory findings exist in relevant oceanographic literature. The Oceanographer applies, therefore, a high degree of originality in defining problems for study. Applies new techniques and original methods of attack to the solution of important problems in oceanographic science. These problems present novel or unprecedented aspects.

Factor 4 - Qualifications and
Scientific Contributions Degree C - 12 points

Has authored one or more papers of considerable interest to other researchers in the field of oceanography. The research contributes new inventions, designs or techniques to important problems. Additional contributions may involve leadership of a productive research team or leadership in formulation of productive research ideas. Incumbent is beginning to be sought out by other mature and professional researchers in the field for purposes of consultation and/or collaboration. Has held important committee assignments on professional oceanography groups and task forces and is recognized as a qualified authority to speak on technical matters with researchers within and outside the organization.

TOTAL: 6+6+6+12 = 30 POINTS

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

IV. UNIQUE POSITION REQUIREMENTS

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