

SENIOR SCIENTIFIC DATA ANALYST *

Function of Job:

Under general direction of designated supervisor, to collect, process, analyze, evaluate, publish, and maintain appropriate files of data collected through research.

Characteristic Duties and Responsibilities:

1. Provide technical expertise in the design, implementation, evaluation, and maintenance of computer applications programs for analysis of scientific data.
2. Design and implement data handling, storage/display systems, and hardware/software systems for reading of data tapes.
3. Process scientific data from research sources and transfer to computer for correction purposes.
4. Perform computer analysis of data, including error detection, correction, and use of appropriate statistical and scientific analysis techniques/routines.
5. Distribute data to concerned scientists in various locations.
6. Perform regular checks of operational status of research data sources.
7. Review and edit all data.
8. Prepare special data sets for principal investigator and/or supervisor.
9. Consult with other institutions and universities performing similar research regarding computer analysis and data systems.
10. Perform related duties as assigned.

Minimum Acceptable Qualifications:

1. Bachelor's degree in field determined to be appropriate by hiring department.
2. Three years' experience in computer programming; data analysis; collection, processing, and evaluation of scientific data.
3. Understanding of the scope and possibilities for use of computer programs.
4. Knowledge of specific scientific field if requested by hiring department.

Additional Desirable Qualifications:

1. Master's Degree in field determined to be appropriate by hiring department.

7/1/85

System Approval

7/1/85

Effective Date

This document is a generic classification specification of the University System of New Hampshire. Its purpose is to describe the representative responsibilities and general level of complexity, and it is not a substitute for the specific job description of the individual position.

* Revised - Original approved 8/7/75.