Scientist/Researcher III (3442)

**Basic Purpose/Job Function:** Originating, planning, and conducting research in areas related to project needs in designated field of science.

**Examples of Titles Replaced:** Biologist; Cell Biologist; Chief Chemist; Chief Geophysicist; Climatologist III; Coordinator, Occupational & Environmental Safety Services; Petroleum Geologist

**Typical Functions May Include:**

1. Developing and improving analytical methods for research through experimentation; documenting methodology and providing oral and written interpretation of associated data
2. Reviewing analytical research requests and advising on selection and application of analytical methods
3. Requisitioning laboratory supplies, tools and equipment
4. Directing the installation, modification, construction, design and calibration of equipment
5. Performing qualitative and quantitative analyses
6. Organizing, compiling and synthesizing data from fieldwork or published literature
7. Maintaining an up-to-date literature file related to field of specialization
8. Preparing and submitting research for publication
9. Teaching one or more classes or seminars
10. Initiating, planning, and directing field studies
11. May assist in planning and coordinating administrative activities of assigned areas
12. May supervise the preparation, identification, and cataloging of information and specimens
13. May provide operational supervision for laboratory activities
14. Performing other related duties as assigned

**Risk Management:** Uses established safety practices to protect the health and safety of personnel and property.

**Supervision of Others:** May supervise students, clerical staff and/or other research staff.

**Supervision Received:** Receives general supervision from designated supervisor.

**Minimum Qualifications:**

- **Education:** Masters Degree or above
  
  **Type:** Determined by department

- **Experience:** Determined by department
  
  **Type:** Determined by department

**Skills:** Effective oral and written communication; familiarity with computers and knowledge of computer software; ability to work independently; mathematical and analytical abilities and good organizational skills.

**Special Requirements:** Frequent exposure to pressure caused by deadlines and busy periods; may be required to travel. This position may also include the knowledge of one or more foreign languages or specialized terminology (e.g., scientific or technical).
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- **Licenses**: Determined by the nature of the position and/or department.

- **Certifications**: Determined by the nature of the position and/or department.

Minimum requirements may be met by an equivalent combination of education and experience, unless otherwise designated in writing by the department.

Departments are responsible for site-specific job descriptions.