Scientist/Researcher I (3440)

**Basic Purpose/Job Function:** Assists with a research project by conducting and analyzing scientific experiments. Uses knowledge of scientific procedures to plan, design, conduct, and analyze experiments.

**Examples of Titles Replaced:** Climatologist I; Manager, Animal Care Facility; Research Assistant I; Research Assistant II

**Typical Functions May Include:**

1. Planning, designing, and conducting scientific experiments
2. Monitoring experiments and making observations
3. Isolating, identifying and preparing samples for analysis or examination
4. Performing routine or standardized laboratory tests
5. Collecting and/or analyzing data
6. Conducting special research studies
7. Fabricating, modifying and repairing experimental and laboratory products, using a variety of machines and tools
8. Preparing reports summarizing results of experiments or conclusions of research projects
9. Cleaning, maintaining and preparing supplies and work areas
10. Keeping detailed records of all work-related activities
11. May participate in field explorations, such as mineralogical or geophysical expeditions
12. May publish research
13. May teach one or more classes or seminars
14. May requisition or recommend purchase of materials, tools, and equipment
15. 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 a small staff of students, clerical staff and/or other research staff.

**Supervision Received:** Receives general supervision from designated supervisor. Normally a higher level scientific/research professional, faculty, administrative or research staff member.

**Minimum Qualifications:**

- **Education:** Bachelor’s Degree or above  
  **Type:** Determined by department
- **Experience:** 0 - 24 months  
  **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.
Scientist/Researcher I (3440)

**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).

- **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.