



Research Job Function

Research Assistant IV - Lab Grade 55

This is a model job description. The duties listed below are representative and characteristic of the duties required. They are intended to suggest a level of skill and complexity and as such are not a substitute for the specific descriptions for individual positions.

Summary

Performs and/or coordinates a wide range of laboratory research procedures and conducts a variety of complex support tasks and projects determined by the field and scope of the particular research study. Performs a variety of laboratory techniques independently, reporting results to supervisor or other lab personnel. Assumes a high level of responsibility for independent judgment concerning future experiments depending upon results.

Typical Duties

1. Coordinates multiple aspects of research project and carries out laboratory experiments utilizing specific laboratory techniques and equipment, and determining whether additional or other tools or methods are required;
2. Collaborates with other lab members on experimental design, setting up protocols and developing new laboratory techniques;
3. May communicate with affiliated research personnel at other locations or institutions;
4. Processes, organizes, summarizes, and analyzes data, reporting experiment results using a variety of scientific, word processing, spreadsheet or statistical software applications or program platforms;
5. NOTE: This position may be responsible for database maintenance, software needs assessment, or other technological resource management or oversight;
6. Regularly trains and oversees the work of others in laboratory techniques and procedures;
7. Assists with laboratory maintenance such as maintaining and/or purchasing equipment and supplies, working with vendors and undertaking special projects as required;
8. Contributes to unit goals by undertaking other duties as required.

Typical Requirements

Education: College degree in a related discipline is required, and related work experience is preferred.

Skills and Experience: Three or more years directly related work experience is required. Demonstrated knowledge of laboratory protocols and abilities in laboratory techniques are required. Experience with applicable computer technologies, including specific software

applications, is required; significant expertise in special technological tools may be required. Appropriate communications skills required.

Working Conditions: May be required to lift, move and transport related research equipment. May be exposed to a variety of hazardous materials. May be required to work with and handle animals.

Other [HUCTW generic job descriptions](#) can be found in HARVie's Union Contracts section.