Duke University School of Nursing
Job Description
HR Title: Research Analyst I
Working Title: Research Analyst
Job Code: 1297
Job Level: 11
Updated: 3/1/2023

Occupational Summary

Perform a variety of complex and independent activities involved in planning, organizing and conducting research studies within the overall scope of several research projects at Duke University. The Research Analyst I will support research projects that utilize the DUSON-Biomarker Laboratory (DUSON-BML) and the Walker R01 (*Novel Biased ligands as asthma therapeutics*).

Work Performed

The Research Analyst will play an important role in contributing to the success of the BML and Dr. Walker's independent research. The **Research Analyst** will provide a wide range of support including bench research, animal research, lab management, regulatory and safety management, Biomarker repository management, data analysis and interpretation, liaising with Duke Cores, training of BML users and other research personnel, developing presentations, performing literature searches, composing research reports, and writing and providing figures for manuscripts

Perform a variety of technical duties involved in conducting standardized tests, experiments and determinations in support of research-oriented activities including processing and analysis of bio-specimens.

Establish work procedures; select sources of information and specific data; set up interviews with appropriate authorities or subjects and prepare correspondence to locate the specific data required.

Evaluate and interpret collected data and prepare oral presentations or written reports and analyses setting forth progress, adverse trends and appropriate recommendations or conclusions.

Confer with principal investigator in developing plans for research projects and to discuss the interpretation of results and the preparation of manuscripts for publication.

Supervise the work of lower level employees engaged in the collection and tabulation of data; train new personnel.

Learn and become proficient at mouse surgical preparation and doing in vivo murine experiments. Involved in the planning and management of mouse breeding colony; Learn asthma murine model techniques and assessments (lavage, cytospin, lung processing for pathology)

Required Qualifications at this Level

Education/Training: Work requires a bachelor's degree in a field related to the specific position.

Experience: Work requires two years of experience in research/data analysis or related position.

OR AN EQUIVALENT COMBINATION OF RELEVANT EDUCATION AND/OR EXPERIENCE

Skills: N/A