

AgriLife Position Description

Last reviewed: 10/31/12

9222
SENIOR RESEARCH ASSOCIATE

SUMMARY

General Description: Provides experienced assistance in the design and conduct of experiments, analyzes data and prepares results for publication. Responsible for implementing research objectives identified by project leader or other supervisor.

DUTIES

Typical: Plans experimental work and coordinates use of equipment and other activities of laboratory and field personnel; designs and conducts experiments in support of various research projects; keeps detailed records of procedures and data; analyzes data, prepares statistical analyses, and summarizes results for inclusion in scientific and clientele-oriented publications; utilizes computers to generate graphics and statistical displays; may participate in preparation of proposals to obtain external funding; maintains project financial accounts; trains graduate students and other laboratory and field personnel in research techniques and use of equipment; monitors, maintains and repairs research equipment; procures and maintains adequate stock of supplies; and performs other duties as required.

SUPERVISION

Received: General instruction and oversight from project leader or other supervisor.

Given: Detailed instruction to technicians, graduate students and other research support staff.

EDUCATION

Required: M.S. degree in relevant field or B.S. degree in relevant field and five years of satisfactory service.

KNOWLEDGE, ABILITIES AND SKILLS

Required: Familiarity with appropriate laboratory, farm and/or technical equipment. Ability to effectively utilize a computer and applicable software to create databases, perform statistical analyses, present data and perform other computer related tasks as directed by the supervisor.

Preferred: Ability to install, repair, modify and construct experimental equipment as applicable.