

## Texas A&M System-Wide Classification Description

**Classification Title Code/Title:** 8634/Research Scientist

**Exempt Status:** Exempt

**Pay Grade:** Excluded from Pay Plan

**Job Summary:** Independently conduct assigned research projects with collaborative and/or supervisory roles in research.

### Essential Duties and Responsibilities

\* Designs, performs and analyzes experiments consistent with the project objectives; conducts independent research; validates strategic decision-aid models; keeps detailed records of procedures and data; develops procedures to improve efficiency and accuracy of data collection and analyses; identifies, assimilates and synthesizes data needed for computer models and manages databases relating to statistical and related software.

\* Supervises computer systems administration, including design, development, application and maintenance of telecommunication data links and electronic data collection instrumentation; maintains expertise with the latest hardware and software technologies for statistical and numerical data analyses; prepares data for publication and presentation; integrates disciplines to address pertinent issues

\* Assists with publication and grant preparation and develops contract proposals; coordinates laboratory activities.

This document represents the major duties, responsibilities, and authorities of this job, and is not intended to be a complete list of all tasks and functions. Other duties may be assigned.

### Additional Responsibilities

### Minimum Requirements

*Education* – PhD in related area of specialization.

*Experience* – At least six (6) years of experience in area of specialization.

### Knowledge, Skills, Abilities

Excellent verbal and written communication skills. Ability to effectively use personal computer to communicate, prepare proposals to include cost information on spread sheet as applicable, and provide reports of activities. Ability to effectively communicate with faculty, students and staff. Familiarity with appropriate laboratory, farm and/or technical equipment. Ability to multi task and work cooperatively with others.

### **Registration, Certification, or Licensure - None**

**Supervision Received:** Periodic review of work from unit head or other supervisor.

**Supervision Given:** Supervise support personnel conducting research.

**Other Requirements -**