Dir, Adv Polymers/ Nanomaterials Lab

Job Code 50023630

General Description
Responsible for the development of new externally funded programs and the promotion of the commercialization of research in the Advanced Polymers and Nanomaterials Laboratory.

Examples of Duties
Coordinate installation of laboratory equipment.
Develop initial equipment list.
Create standard operating procedures for the laboratory.
Provide information needed to make physical modifications of the laboratory space at STAR One.
Oversee on-going operations.
Assist in development of a marketing plan.
Develop laboratory operating budget.
Perform other duties as assigned.

Knowledge, Skills, and Abilities
Knowledge of:
University policies and procedures; faculty and staff rules and regulations; laboratory safety and practices; advanced materials, with expertise in shape-memory polymers, polymer composites, biomaterials and acoustic devices; commercial injection molders, twin-screw extruders, impact testers, gas barrier meters, pelletizers.

Skill in:
Preparing clear, concise, and grammatically correct reports, letters, and other materials; establishing rapport with a variety of employees at different levels at university, creating lab policies and procedures, coordinating effective management of projects; operating a personal computer and related software.

Ability to:
Read and interpret technical documentation; perform advanced math; delegate responsibilities to others; explain policy and procedures.

Educational Experience
To qualify for this classification, an individual must possess any combination of experience and education that would likely produce the required knowledge, skills, and abilities.

Other Requirements