AUBURN
Human Resources

Deputy Director, Cyber Applied Research & Services, McCrary Institute

JOB INFORMATION

Job Code	JA14
Job Description Title	Deputy Director, Cyber Applied Research & Services, McCrary Institute
Pay Grade	H38
Range Minimum	$170,940
33rd %	$208,550
Range Midpoint	$227,350
67th %	$246,160
Range Maximum	$283,760
Exemption Status	Exempt
Organizational use restricted to the following divisions	128 Samuel Ginn Col of Engineering
Approved Date:	6/7/2024 3:49:59 PM

JOB FAMILY AND FUNCTION

Job Family:	Research
Job Function:	Research Operations

JOB SUMMARY

The Deputy Director of Applied Research & Services establishes strategies and execution plans to grow a comprehensive pipeline of new applied research, services grants, and private sector partnerships as well as execution strategies to ensure quality and cutting-edge research and services are being performed. Provides a plan to develop, build, and operate new applied research, operations and lab space at the Auburn Research Park including faculty, student and contractor relationships, and partnerships/service contracts.

RESPONSIBILITIES

- Leads the business development efforts to grow applied research & services working with staff, Auburn leadership, and external partners to identify and secure cyber applied research contracts and grants from federal, state, and industry partners.
- Develops additional core competencies in cybersecurity and artificial intelligence expertise both internal to Auburn University (AU) through faculty engagement, student and graduate student applied research opportunities, as well as external partnerships for AU.
- Provides a plan to develop, build, and operate new applied research, operations and lab space at the Auburn Research Park including faculty, student and contractor relationships, and partnerships/service contracts.
- Grows applied research and services in both the Auburn & Huntsville Research Centers addressing critical infrastructure cybersecurity challenges – namely in energy & water, space and defense, food and agriculture, healthcare, financial services, and transportation. Meets with prospective partners to identify partnership opportunities in work share or sponsored labs.
- Establishes interdisciplinary research teams across Auburn University as well as engaging outside partners for comprehensive solutions. Conducts quality control on applied research deliverables. Identifies areas of improvement in the contract process and remediates those with new processes.
- Collaborates with the Principal Deputy Director/COO and Senior Vice President for Research of Auburn on a technology transfer process for seamless industry integration and commercialization of technologies and IP. Facilitates industry partnerships for effective technology transfers.
- Supervises multiple McCrary Institute staff as well as managing various partnerships with Auburn University faculty, consultants, and contractors to capture and execute sponsored research. Conducts annual reviews for Applied Research staff.
- Manages and oversees complex relationship dynamics between industry partners and government customers from multiple agencies including DoD, DHS, DOT, DOE, DOJ, and others.
- Manages the development, staffing, and budget for all current and upcoming contracts and grants.

RESPONSIBILITIES

- Represents Auburn and McCrary at signature cyber and industry events like the Space Missile Defense Symposium and National Cyber Summit.
- May require extensive travel between Auburn, Huntsville, and external partners and customers.

The responsibilities listed above show the typical duties for jobs in this classification. Actual tasks may differ depending on the department's needs. Other similar duties may be assigned with discretion of the supervisor. Not every duty will apply to every position, and the amount of time spent on each task can change based on department needs.

SUPERVISORY RESPONSIBILITIES

Supervisory Responsibility	May supervise employees but supervision is not the main focus of the job.

MINIMUM QUALIFICATIONS

To be eligible, an individual must meet all minimum requirements which are representative of the knowledge, skills, and abilities typically expected to be successful in the role. For education and experience, minimum requirements are listed on the top row below. If substitutions are available, they will be listed on subsequent rows and may only to be utilized when the candidate does not meet the minimum requirements.

MINIMUM EDUCATION & EXPERIENCE

Education Level	Focus of Education		Years of Experience	Focus of Experience	
Bachelor's Degree	Science in Computer Science, Software Engineering or related field.	and	10 years of	Demonstrated Cybersecurity experience. Relevant IT experience in administering security measures to monitor and protect sensitive data and systems from infiltration and cyber-attacks.	
Master's Degree	Science in Computer Science, Software Engineering or related field.		8 years of	Demonstrated Cybersecurity experience. Relevant IT experience in administering security measures to monitor and protect sensitive data and systems from infiltration and cyber-attacks.	

Substitutions Allowed for Experience	Yes

Substitution allowed for Experience: When a candidate has the required education, but lacks the required experience, they may normally apply additional appropriate education toward the experience requirement, at a rate of one (1) year relevant education per year of required experience.

MINIMUM KNOWLEDGE, SKILLS, & ABILITIES

Knowledge of generally accepted information/cyber security principles and practices with the ability to apply that knowledge to perform complex and non-routine specialized information technology security analysis functions.	
Ability to remain up-to-date with privacy and security regulations.	
Ability to recognize, analyze, and solve a variety of problems.	

MINIMUM LICENSES & CERTIFICATIONS

Licenses/Certifications	Licenses/Certification Details	Time Frame	Required/ Desired	
None Required.				

PHYSICAL DEMANDS & WORKING CONDITIONS

Physical Demands Category:	Other

PHYSICAL DEMANDS

Physical Demand	Never	Rarely	Occasionally	Frequently	Constantly	Weight
Standing				X		
Walking				X		
Sitting					X	
Lifting		X				
Climbing	X					
Stooping/ Kneeling/ Crouching	X					
Reaching		X				
Talking					X	
Hearing					X	
Repetitive Motions					X	
Eye/Hand/Foot Coordination					X	

WORKING ENVIRONMENT

Working Condition	Never	Rarely	Occasionally	Frequently	Constantly
Extreme cold		X			
Extreme heat		X			
Humidity		X			
Wet		X			
Noise		X			
Hazards		X			
Temperature Change		X			
Atmospheric Conditions		X			
Vibration		X			

Vision Requirements:

Ability to see information in print and/or electronically and distinguish colors.

Travel Requirements:

In-State; Domestic