

Principal Research Scientist/Engineer
Auburn University

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Posted Sep. 6, 2024, set to expire Jan. 19, 2025

Job Title	Principal Research Scientist/Engineer
Department	Engineering Administration
Institution	Auburn University Auburn, Alabama
Date Posted	Sep. 6, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Engineering - Other
Job Website	https://www.auemployment.com/postings/48592

Apply By Email

Job Description

This is a pool posting for future vacancies in this job classification.

The Samuel Ginn College of Engineering are seeking candidates for multiple positions of Principal Research Scientist/Engineer in anticipation of securing contract funding in multiple areas of engineering and science to include fields such as modeling and simulation; systems engineering and integration; cyber security engineering; critical infrastructure protection; advanced manufacturing; additive manufacturing; materials science and engineering; assured position, navigation and timing; propulsion systems and project management on multiple programs funded by government and private industry.

These positions will be located in Auburn, Alabama and will report to the Associate Dean for Research, College of Engineering. The successful candidates may also work with leaders of other units such as Auburn's McCrary Institute for Cyber and Critical Infrastructure Security, Cyber Research Center, National Center for Additive Manufacturing Excellence, and the Huntsville Research Center to identify

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and develop potential research sponsors in the strategic focus areas of Auburn University research.

Major responsibilities include providing technical expertise, through the various Auburn programs in subjects such as those listed above directly to government and industry sponsors.

Provide Subject Matter Expertise to senior leaders in government and industry related to subjects such as cyber security threats and subsequent threat mitigation strategies and methods.

Provide Subject Matter Expertise to senior leaders in government and industry related to protecting the nation's critical infrastructure systems (energy, water, transportation, food, commerce, etc.).

Provide Subject Matter Expertise to industry and government sponsors in the broad areas of modeling, simulation, and systems engineering and integration.

Provide Subject Matter Expertise to senior leaders in government and industry related to additive manufacturing, advanced manufacturing, and advanced materials.

Provide Subject Matter Expertise to senior leaders in government and industry related to vehicle dynamics and assured position, navigation, and timing.

Provide Subject Matter Expertise to NASA and industry senior leaders in payload integration including requirement definition and verification / validation of potential exploration payloads.

Provide Subject Matter Expertise to NASA and industry senior leaders in development and integration of NASA's launch vehicles and exploration programs.

Collaborate with the nation's community of industry, government, and academia on national policy and technology that affects various defense, aerospace, manufacturing, and related industry sectors along with federal, state, and local government agencies.

About Auburn: Auburn was named by Forbes Magazine as one of the state of Alabama's best employers, with employees staying an average of ten years! Learn more about Auburn's impact, generous employee benefits, and thriving community by visiting aub.ie/working-for-auburn.

It's a Lifestyle: The Auburn/Opelika area is a page right out of Southern Living magazine with an idyllic small-town feel, perfecting a unique balance between a close-knit community and driving consistent growth and development. Paralleling the exponential growth of Auburn University, the Auburn/Opelika area boasts services and amenities that cater to any interest. We're proud of our top



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school systems, city services, award-winning restaurants, and the infectious spirit of life in a college town. You can find us nestled halfway between the beach and the mountains in a lower-cost-of-living area, two hours outside of Atlanta or Birmingham. If you're new to Auburn, we'd love to introduce you. If you're already acquainted with Auburn, we'll keep it simple: it's time to come home!

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact