

Principal Research Scientist / Engineer (Huntsville) Pool
Auburn University

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Posted Jan. 6, 2025, set to expire Oct. 31, 2025

Job Title	Principal Research Scientist / Engineer (Huntsville) Pool
Department	Engineering Administration
Institution	Auburn University Auburn, Alabama
Date Posted	Jan. 6, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Computer/Information Sciences Sciences - General
Job Website	https://www.auemployment.com/postings/50547
Apply By Email	

Job Description

This is a pool posting for future vacancies in this job classification. This is a two-year limited term appointment. Continuation of employment will be contingent upon the availability of funding.

These positions are in Huntsville, AL

The Auburn University Huntsville Research Center (AUHRC) and the Samuel Ginn College of Engineering are seeking candidates for multiple positions of Principal Research Scientist/Engineer VI/VII 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;

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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 Huntsville, 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 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.

The successful candidate will provide technical support for one or more of the following types of activities:

- 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: At Auburn, our work changes lives. Ranked by U.S. News and World Report as a premier public institution, Auburn University is dedicated to shaping the future of the people of Alabama, the nation, and the world through forward-thinking education, life-enhancing research, scholarship, and selfless service. Auburn is nationally recognized for its commitment to academic



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excellence, community outreach, positive work environment, student engagement, and thriving community.

Why employees choose Auburn: Auburn University was named by Forbes Magazine as one of the state of Alabama's best employers, with employees staying an average of ten years. Employees enjoy competitive benefits that include top-notch health insurance, generous retirement plans, tuition assistance for employees and dependents, flexible spending accounts, and more!

Contact Information

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

Contact