

Principal Research Scientist/Engineer Pool  
Auburn University

Direct Link: <https://www.AcademicKeys.com/r?job=255866>

Downloaded On: Aug. 5, 2025 11:04am

Posted Apr. 16, 2025, set to expire Oct. 31, 2025

<b>Job Title</b>	Principal Research Scientist/Engineer Pool
<b>Department</b>	Engineering Administration
<b>Institution</b>	Auburn University Auburn, Alabama
<b>Date Posted</b>	Apr. 16, 2025
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Dean
<b>Academic Field(s)</b>	Computer Science Engineering - Other
<b>Job Website</b>	<a href="https://www.auemployment.com/postings/52566">https://www.auemployment.com/postings/52566</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

### Job Summary

**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.

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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 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.

### **Essential Functions**

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Conducts contract research and creates progress and final reports as necessary; provides technical management of research contracts and oversees the content and timeliness of contract deliverables.

Develops research proposals and budgets.

Coordinates research opportunities between Auburn University faculty and staff, local government agencies, and private industries.

Initiates and cultivates relationships with agencies and industries in order to build research and educational programs for Auburn University.

Establishes and grows research funding for Auburn University by pursuing local opportunities.

Interfaces with Auburn University faculty and staff to build an in-depth knowledge of on-campus research capabilities.

Candidate may supervise employees but supervision is not the main focus of the job; responsibilities could include training, mentoring, evaluating, and making or recommending pay, promotion or other employment decisions.

### Why Work at Auburn?

- **Life-Changing Impact:** Our work changes lives through research, instruction, and outreach, making a lasting impact on our students, our communities, and the world.
- **Culture of Excellence:** We are committed to leveraging our strengths, resources, collaboration, and innovation as a top employer in higher education.
- **We're Here for You:** Auburn offers generous benefits, educational opportunities, and a culture of support and work/life balance.
- **Sweet Home Alabama:** The Auburn/Opelika area offers southern charm, vibrant downtown scenes, top-ranked schools, and easy access to Atlanta, Birmingham, and the Gulf of Mexico beaches.
- **A Place for Everyone:** Auburn is committed to fostering an environment where all faculty, staff, and students are welcomed, valued, respected, and engaged.

Ready to lead and shape the future of higher education? Apply today! War Eagle!

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**Contact Information**

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

**Contact**

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