

Greetings,

I hope all are well in these shifting times. My name is Grace Johnson and I serve as the Deputy Director of the Office of STEM Engagement at the NASA Kennedy Space Center. I am pleased to share that we have upcoming employment opportunities for early career STEM professionals and I am working with some of the center's hiring managers to identify and connect with promising diverse candidates. Below are three opportunities that will soon be announced on www.USAJobs.gov. I will forward direct links when the job announcements open. In the meantime, please encourage interested parties to create or update their USAJobs accounts and ensure they have current resumes available for quick tailoring. Application windows may be as brief as three days. Also note that NASA applicants are required to build their resumes in USAJobs. Uploads are not accepted.

Structural Dynamics Analyst (GS 9-13)

The Launch Services Program's (LSP's) Flight Structures Branch is seeking graduate level candidates who are familiar with or well-versed in **Structural Mechanics, Dynamics and/or Analysis**. The position involves characterization and analysis of **Dynamic Environments** that impact launch vehicles during ascent and other stages of flight. Specific experience with launch vehicles is not required. General knowledge and some application of the subject matter is desired. Those who hold or are pursuing advanced degrees in mechanical, civil, structural, and aerospace engineering and other similar fields are encouraged to apply.

Physical Scientist (GS 11-13)

The Exploration Research and Technology Programs directorate is seeking candidates for multiple positions in the **Applied Physics Lab**. The lab specializes in technology response with applied physics. Primary areas of expertise include optics, thermodynamics, dynamics (both discrete and continuous media), and electromagnetism to solve KSC and NASA problems, ranging from resolving sophisticated technical issues to delivering prototype hardware systems. The lab has specific expertise in sensor development, electronics, data acquisition/signal processing, chemical sensors, feedback and control, mathematical modeling and simulation, cryogenics, flight avionics and software development, and data analysis. Candidates who hold advanced degrees are desired, but not required. The selected candidates will support the team in its work of developing physics-based technologies in support of multiple NASA programs.

Telecommunications Engineer (GS 7-13)

Candidates are being sought to serve as **Telecommunications Engineer** for the Ground Systems Integration Branch of the Launch Services Program (LSP).

Duty Summary

- Works with the NASA Spacecraft to get commercial launch vehicle connectivity for Video, Voice and Data transported over a network.
- Simply put: Works all launches from US soil from unmanned mars rovers to commercial crew going to the international space station.

Responsibilities

- Designs, engineers, tests, operates, and maintains pre-launch and launch telecommunication software/hardware ground data systems for the LSP.
- Performs systems analysis, development of specifications, and implementation of software/hardware to fulfill LSP requirements for communication systems. Software/hardware encompasses networking such as MPLS, VLANs and QoS, Video over IP technologies, and Voice over IP technologies that LSP Engineering, Spacecraft projects, and other related customers require.
- Interfaces with launch providers, spacecraft, and telecommunications service providers to design critical systems for spacecraft processing and launch operations.
- Interfaces with launch conductors, test directors, and launch management during operations to troubleshoot and resolve anomalies and system failures in real-time.
- Works with system administrators on IT Security to ensure solutions continue to comply with federal laws, regulations, policies and standards.

These positions will soon be announced on www.USAJobs.gov; some as early as next week. Share this advanced notice with your graduating students, alumni and other potential candidates. I'd love an opportunity to speak with potential applicants, so please direct all interested parties to contact me for additional information. Your dissemination and encouragement to further inquire and apply is greatly appreciated.

Thanks a bunch!
Have a lovely holiday weekend!!

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Deputy Director

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