



Immediate Post Doctoral Openings at NASA Dryden Flight Research Center

Applicants to NASA Dryden Flight Research Center **MUST BE U.S. CITIZENS**

The NASA Dryden Postdoctoral Program offers unique research opportunities to highly talented individuals to engage in ongoing NASA research programs. This is a one to three-year fellowship appointment which is designed to advance NASA's mission objectives.

Dryden Flight Research Center is NASA's premier flight research and test organization for the validation of high-risk, pioneering aerospace technology, space exploration concepts, and the conduct of science mission observations. Located at Edwards, California, in the western Mojave Desert, Dryden is uniquely situated to take advantage of the excellent year-round flying weather, remote area, and visibility to test some of the nations most exciting air vehicles.

For 60 years, projects at Dryden have led to major advancements in the design and capabilities of many state-of-the-art civilian and military aircraft. The newest, the fastest, the highest all have made their debut in the vast, clear desert skies over Dryden.

Dryden Flight Research Center plays a vital role in advancing technology and science through flight. Here, we demonstrate America's leadership in aeronautics and space technology as we continue to push the envelope to revolutionize aviation and pioneer aerospace technology.

Currently, at NASA Dryden Flight Research Center we are seeking highly-motivated & independent Post Doctoral Fellows. We are interested in the following broad areas of research:

- Application of non-linear system identification techniques (black-box modelling) to wind-tunnel data from the SuperSonic SemiSpan Transporter (S4T).
- Control law design *and* application during wind-tunnel testing of the S4T.
- Structural health monitoring of airframes for advanced composite aircraft: Understanding the underlying physics of fatigue, crack propagation and structural failure leading to the development of innovative and state-of-the-art algorithms for detection and mitigation.

Please note that potential candidates must be awarded the Ph.D. (or have defended) before we can extend a letter of offer.

If you are interested in these **or other related** research topics please contact:

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