

Opportunity Title: Development of Test Bed for Open Rotor Evaluation

Opportunity Reference Code: 0034-NPP-MAR25-GRC-Aero

Organization National Aeronautics and Space Administration (NASA)

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How to Apply All applications must be submitted in [Zintellect](#)

Please visit the NASA Postdoctoral Program website for application instructions and requirements: [How to Apply | NASA Postdoctoral Program \(orau.org\)](#).

A complete application to the NASA Postdoctoral Program includes:

1. Research proposal
2. Three letters of recommendation
3. Official doctoral transcript documents

Application Deadline 3/1/2025 6:00:59 PM Eastern Time Zone

Description About the [NASA Postdoctoral Program](#)

The [NASA Postdoctoral Program \(NPP\)](#) offers unique research opportunities to highly-talented scientists to engage in ongoing NASA research projects at a NASA Center, NASA Headquarters, or at a NASA-affiliated research institute. These one- to three-year fellowships are competitive and are designed to advance NASA's missions in space science, Earth science, aeronautics, space operations, exploration systems, and astrobiology.

Description:

NASA's goals are to investigate more efficient, cleaner, and quieter commercial aircraft propulsion concepts. These concepts need to be evaluating quickly and accurately. NASA requires a low-cost flexible test bed to conduct these evaluations and wishes to modify an existing ducted fan test bed to operate in an un-ducted version. (The Advanced Noise Control Fan, which is owned by NASA, and operated by the University of Notre Dame Turbomachinery Lab). Familiarity with and prediction tools for aerodynamic, aeromechanic, and aeroacoustics design considerations is required. This post-doc position will support the design and implementation of the conversion of the ANCF to un-ducted operation.

Field of Science: Aeronautics

Advisors:

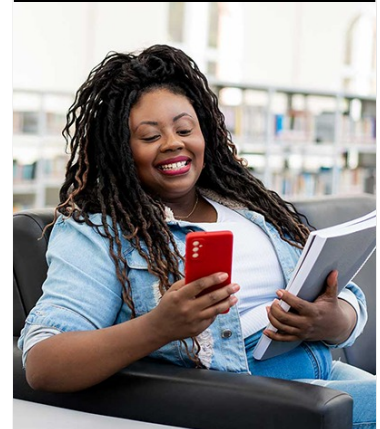
Daniel Sutliff

Daniel.L.Sutliff@nasa.gov

(216) 433-6290

Questions about this opportunity? Please email npp@orau.org

- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
 - **Degree:** Doctoral Degree.



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