

# Task 308: Assessment of Screening and Training Requirements for SFPs regarding Anxiety during Repeated Exposures to Sustained High Acceleration

## Project At-A-Glance

- University: The University of Texas Medical Branch
- Principal Investigator: James Vanderploeg, MD
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## Relevance to Commercial Spaceflight Industry

- Psychological stressors can be significant challenges in the operational environment. This study will provide data on how individuals with high anxiety levels can best be prepared for suborbital spaceflight through training and anxiety mitigation techniques.

## Statement of Work

- Identify individuals with high anxiety levels through screening questionnaires and psychological testing
- Develop risk mitigation strategies and training techniques for individuals with higher levels of anxiety
- Develop recommendations for optimum training protocols to reduce anxiety prior to and during suborbital flight



## Status

- Research protocol submitted to IRB
- Psychological testing methods defined

## Future Work

- Complete IRB approval process
- Recruit test subjects
- Conduct training and testing at NASTAR centrifuge throughout 2015