

“Life Beyond LEO, a New Science Campaign Proposed for NASA’s Space Biology Program”

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Life Beyond Low Earth Orbit (LEO) is a new science campaign proposed for NASA’s Space Biology Program to provide new insights into the risks and hazards of deep space exploration and to uncover the basic mechanisms living systems use to adapt to the harsh space environment beyond the protection of Earth and the Van Allen belts. The program will utilize the unique capabilities and opportunities offered by missions beyond LEO to perform biological research that addresses the National Research Council (NRC) Decadal Study. The Life Beyond LEO program will leverage advanced biological payloads, instruments, and small satellite capabilities and platforms throughout NASA, Academia, Industry, and International partners for flight studies beyond LEO.