Mass Attraction.
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WHO ARE WE?

USRA is an independent, nonprofit research corporation where the combined efforts of in-house talent and university-based expertise merge to advance space science and technology. USRA works across disciplines including biomedicine, astrophysics, and engineering and integrates those competencies into applications ranging from fundamental research to facility management and operations. USRA engages the creativity and authoritative expertise of the research community to develop and deliver sophisticated, forward-looking solutions to Federal agencies and other customers—on schedule and within budget.

MICROGRAVITY

Known for their expertise in fluid mechanics, cryogenic fluid management, combustion, spacecraft fire safety, phase change processes, capillary flows and phenomena, heat transfer, and thermodynamics, USRA physicists and engineers apply this knowledge to the microgravity environment. While this research is central to ISS experiment development, planetary surface mobility, spaceflight, and astronaut health, USRA scientists use these microgravity experiments as a testbed to improve materials and processes back on Earth.