



October 1, 2019

Microgravity Club

Micro-g NExT Selection Board
Johnson Space Center
2101 NASA Parkways
Houston, TX 77058

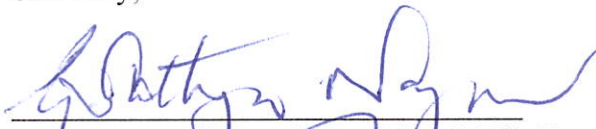
Dear Micro-g NExT Selection Board:

The Microgravity Club at Embry-Riddle would like to express their interest in participating in the 2019-2020 Micro-g NExT Design Challenge. As a club, undertaking the design challenge is one of our main objectives and we look forward to it year after year. This year in response to our club's growing numbers we have decided to have five teams participate in all the design challenges: The Surface Autonomous Vehicle for Emergency Rescue (SAVER), Dust-Tolerant Pivot Mechanism Challenge, Dust-Tolerant Loose Sample Device, Initial Sample Collection Device, and Lunar Sample Coring Device.

This is our Letter of Intent for the Initial Sample Collection Device

Here at Embry-Riddle, air and space is our passion and this opportunity allows our team to work on projects that could make meaningful contributions to space research. We are eager to undertake this project and to share our research with everyone at Johnson Space Center and everyone else participating in the event.

Sincerely,


Sathya Gangadharan Ph.D., P.E., C.Mfg.E.
Advisor, Micro-g NExT Design Challenge Club

Professor, Mechanical Engineering

Tel: (386) 226-7005

Fax: (386) 226-6011

E-Mail: sathya@erau.edu



Pedro Llanos Ph.D.

Co-Advisor


Asst. Professor, Commercial Space Ops

Tel: (386) 226-7754

E-Mail: Llanosp@erau.edu

Team Lead

Greta Fergus



Birce Dikici Ph.D.

Co-Advisor

Associate Professor, Mech. Eng.

Tel: (386) 226-6743

Email: dikicib@erau.edu