

NASA HUNCH Design and Prototype

Lunar Sleep Rack Finalists 2020

Congratulations to the following teams who are invited for the Final Design Review in Houston. If you see any mistakes in names or other information, please send me any corrections. and I will update each of the lists accordingly. Teams that are listed here should make updates their designs and presentations. Improvements to the prototypes and presentation boards should reflect comments made by the mentors and evaluators. These pictures are not placed in any type of order and do not reflect any kind of scale or ranking. I intend for all of the lists to be posted to the HUNCH design web page and will remain there so students can reference it when applying to schools and universities. I am very proud of the work everyone has done and wish all of you the best of luck.

Pointers for Lunar Sleep Rack:

I do not expect this prototype to be made of flight materials but it should be as fully functional as possible. There should not be any cardboard. 3D prints are good but you should move beyond any wood components. Choose a person in your group and make the size of your prototype fit that person's needs. Use machine stitching when possible. Be ready to talk about options for how your sleep rack can be attached and stored on the lunar lander. Get your rack into as few pieces as possible. How long does it take to set up and take down? How small of a space does it compact into?



Students: Jaidan Gomez, Carter Johnson, Caleb Shoemaker
Project: Lunar Sleep Rack
Teacher: Jarrell Ford
Mentor: Glenn Johnson
School: Cypress Woods--Texas



Students: Jacob Burch, Jakob Mendoza, Julian Garcia, Elijuan Walker, Chadrick Johnson
Project: Lunar Sleep Rack
Teacher: Jacob Smith
Mentor: Glenn Johnson
School: Manvel--Texas



Students: Carly Geotsch, Abigail Manthey, Caitlin Hunter, Christina Nolting, Tara Johnson, Maddy Otto
Project: Lunar Sleep Rack
Teacher: Ryan Manske
Mentor: Nancy Hall
School: East Troy--Wisconsin



Students: Heather Budge, Kristina MacLeod
Project: Lunar Sleep Rack
Teacher: Gary Duquette
Mentor: Flo Gold
School: Jackson Hole--Wyoming



Students: Summer Watan, Khylan C' Bearing, Tanisha Clair, and Mary Harris
Project: Lunar Sleep Rack
Teacher: Scott Krassin
Mentor: Flo Gold
School: Wyoming Indian--Wyoming