

NASA HUNCH Design and Prototype Zero-g Mouse Feeder Finalists 2020

Congratulations to the following teams who are invited for the Final Design Review in Houston at Rocket Park on Johnson Space Center April 15, 2020. If you see any mistakes in names or other information, please send me your 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 Zero-g Mouse Feeder:

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. Round your edges where mice could chew on your components. You should have some testing that includes some mice. The pellets you demonstrate with don't need to be exactly like the ones in the project description but it should be of similar size. Be ready to show how your feeder fits in the enclosure door and how it will be refilled without loose pellets.



Students: Chase Manns, Timothy Dacier
Project: Zero-g Mouse Food Dispenser
Teacher: Christy Bennett
Mentor: David Paddock, Yolanda Simmons
School: Warhill —Virginia



Students: Robert Chiccarine, Joel Martsinvosky, Jacob Cantor
Project: Mouse Food Dispenser
Teacher: Fred Bauer
Mentor: Flo Gold
School: Council Rock South---Pennsylvania



Students: Nolan Angliss, Lucas Celeste, Eric Conway, Owen Fedele, Cam Schweitzer, Anna Weidman, Annika Yanoshak
Project: Zero-g Mouse Food Dispenser
Teacher: Kristen Magas
Mentor: Flo Gold
School: Tri-County RVTHS-- Massachusetts



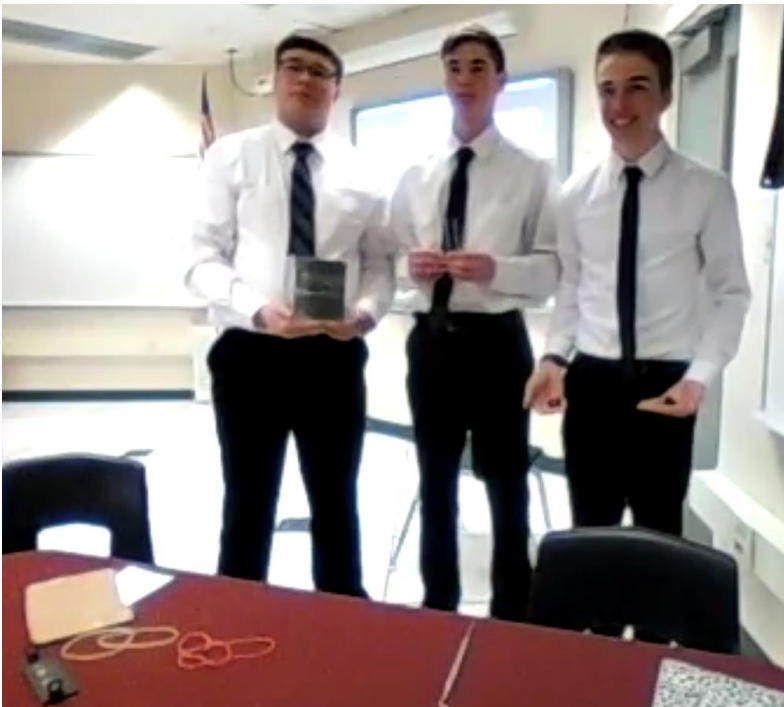
Students: Spencer Smith, Dustin Zika, Cameron Kelly
Project: zero-g Mouse feeder
Teacher: Michael Hayes
Mentor: Alli Westover
School: iSchool--Texas



Students: Elizabeth Fix & Benjamin White
Project: Zero-g Mouse Food Dispenser
Teacher: Luke Becker
Mentor: Nancy Hall
School: Braham--Wisconsin



Students: Josh Gephardt, Alex Kraus, Weston Schlemeyer
Project: Mouse Feeder
Teacher: Mr. Leuchtmann
Mentor: Nancy Hall
School: Hickman —Missouri



Students: Zach Roos, Jackson Murphy, and Caden Palm
Project: Mouse Food Dispenser
Teacher: Eric Anderson
Mentor: Flo Gold
School: Billings Career Center—Montana