

# 2019 Food Preservation Invite List

The following teams are invited to present their Design and Prototype project for NASA HUNCH at Johnson Space Center in Houston Texas on April 16, 2019. You will be presenting at the Gilruth Center between 11:00 am to 1:30 pm to NASA Engineers and astronauts. Dress in appropriate business attire and be prepared to present as complete of a design as you are able with appropriate supporting materials. The presentation style will be similar to science fair where teams will be set up on tables and reviewers will circulate around the ball room to discuss their projects. Because of space considerations, there is only room for a maximum of 3 students per presentation. Although you are not expected to show your idea in flight materials, the materials you use should reflect the concept as best as you can. You should be moving beyond cardboard and Legos and doing some real construction. Cloth should be sewn not glued.

This is an engineering review where it is expected that many of the ideas may be merged into the final design. With that in mind, there will not be any awards presented (1<sup>st</sup>, 2<sup>nd</sup> or 3<sup>rd</sup>) but every one attending will receive recognition for their achievement by making the invite list and presenting. Although there is no guarantee that any of these designs will fly, all of the ideas will be seen by the people who are helping to solve the issues for the space program. If there are aspects or components that are seen as being specifically helpful for a project, students may be asked to aid in the advancement of the concept by being part of the new HUNCH Design to Flight program and/or coordinating with the team working the NASA project.

Due to the number of people coming, we will not be able to provide tours of Johnson Space Center but we will provide tickets for the attending students to Space Center Houston where they can take tours.



Project: Food Preservation  
Students: Damian Fasick, Dane Swofford  
Teacher: Mr. Brown  
School: Lakewood



Project: Food Preservation  
Students: Carlos Trejo, Carlos Romero, Luis Moreno, Jesus Gil, Cesar Romero, Charlene Luna, Gabriela Garcia, Antonio Flores, & Yulisa Chavez  
Teacher: Christopher Beyrouthy  
School: Wapato

Ascorbic Acid 15g test #1



alpha-Tocopherol 15g test #2



Project: Food Preservation

Students: Abraham LeFevre, Jack Simmons

Teacher: Mr. Gerstner

School: Glenelg