



PennState
Brandywine

sustainovation

sustainability + innovation

2019 Un-Canny Competition

benefitting Media Food Bank

Details for student teams from Penn State Brandywine

Our campus is hosting a friendly innovation design competition to benefit Media Food Bank. Twelve student/community teams will create sustainability-themed structures made entirely from food in any packaging **except cans and glass bottles**, and may earn recognition for their best use of labels, for structural ingenuity, people's choice, and more. Through a PepsiCo Mini-Grant from the Penn State Sustainability Institute, each of the registered student teams will be able to request food items from our pre-purchased collection to start their structure. Structures will be on display at Penn State Brandywine in the lower level of the Student Union Building Saturday, March 15, and Monday, March 17.

Website: <http://sites.psu.edu/sustainovation> (click on Un-Canny tab)

Student Team Registration Details

Thursday, November 29, through Tuesday, January 22, by 5PM via the website

Register your team (including a list of all your team members, student teams only open to current students enrolled in the Spring 2019 semester at Penn State Brandywine)

**Note that participation is limited to the first twelve teams that register. All teams will be notified to confirm their registration was received. Student registration will not be confirmed until all team members complete the pre-competition survey. Individual students cannot participate on more than one team.*

Friday, February 22, by 5PM via the website

Submit your structure title, summary for program, description of the structure design and poster

Friday, March 15, 8AM to 8PM in the lower level SUB

Un-Canny build out. Team structures must be completed by 8PM. In addition, your team must submit its final inventory of items used for the structure (number of items, calculated weight, etc.)

Structure viewing – 9AM-2PM Saturday, March 16; 9AM-5PM Monday, March 18

Structure voting – 9AM Saturday, March 16, to 5PM Monday, March 18 (all voting to take place online)

Tuesday, March 19, 12PM in the Student Union Building

Awards ceremony (teams must be present) and deconstruction of structures – all items must be in boxes/bags and ready to be delivered to Media Food Bank by the end of common hour (1:30PM)

Structure theme

Our Un-Canny Competition for 2018 will focus on the theme of sustainability – specifically, the United Nations Sustainable Development Goals (SDGs).

The Sustainable Development Goals are the blueprint to achieve a better and more sustainable future for all. They address the global challenges we face, including those related to poverty, inequality, climate, environmental degradation, prosperity, and peace and justice. The Goals interconnect and in order to leave no one behind, it is important that we achieve each Goal and target by 2030.

To learn more about the SDGs and to explore a theme for your structure, visit:

<https://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Survey

In order to provide assessment data for the grant funding this competition, all student team members must fill out a survey at the beginning of the competition when the teams register. Team registration will not be confirmed and food items will not be released until all team members complete this survey. The team must again complete a survey at the end of the structure build. If all team members do not fill out the final survey by the morning of the awards ceremony (10AM), that team will lose any awards they may have earned. This assessment piece must be taken seriously – no exceptions.

Getting the food items

The number of food items you need to build your structure will depend upon the design you select and the size of your structure. To assist student teams and to ensure we meet the needs of our community partner (Media Food Bank), we have pre-purchased the food items for you, and your team can “shop” through us by submitting a list of requested items from our inventory. Certainly, teams are able and encouraged to secure additional food items. Students may ask friends, family, co-workers, etc., for food items to support their builds.

You will have the opportunity to acknowledge donors on the signage that will be placed next to your structure, and the campus can provide a letter confirming the donation (if requested by the donor).

Types of food items

Permissible items include nutritional food of all sizes that are not in cans or glass jars. If your structure contains any canned food or glass jars, it will be immediately disqualified from judging.

Non-permissible items include:

- NO canned food or glass containers
- NO alcoholic beverages or soda
- NO junk food (which includes candy) or pet food
- NO opened, exposed or expired food. This includes fresh food items, such as vegetables.
- NO food that requires refrigeration
- NO covered, stripped off or altered labels. Food must be full, unopened, and with labels intact and legible

There are specific food items that Media Food Bank looks for that are not provided to their facility through government funding. These are the food items you should focus on as the building material for

your structure: pasta, rice, salad dressing, cooking/vegetable oil, BBQ sauce, ketchup, mustard, mayonnaise, spaghetti sauce, juice, packaged fruit, cake mix, pancake mix, saltines/crackers, cereal (avoid over-sugary cereals), peanut butter and jelly, coffee and tea, etc.

Rules & Regulations

Any violation of these rules will disqualify a structure from the competition.

Structure theme – The theme of your structure must connect back to one or more of the United Nations Sustainable Development Goals (SDGs). Structures may not represent a commercial product/logo, a company or its logo, or Penn State University and its taglines/statues/logos.

Size of structure – The maximum size for a structure is eight (8) feet long by 8 feet wide by 6 feet high. We are setting this as a size limit because of the size of the lower level of the SUB and being able to fit in as many structures as possible.

Supporting signage – Each team must have a sign 36 inches by 36 inches next to their structure that includes the title for their structure, all team member names, and their sustainability description and connection to the SDGs. Teams can include any images on their sign, but the photos must have been taken by the students or have a Creative Commons license with appropriate citation. See the Sustainovation website for a template to download and follow. This file must then be submitted a minimum of one week before the competition for the campus IT office to print.

Size of build team – There is no limit to the number of participants on your team. Remember that your team list should only include members that are active participants. You will submit an initial list of team participants when your team first registers, and the final list of team members must be confirmed on February 22. **Note that a student can only be on one team and cannot participate in the planning or build for any other team.*

Build time – The maximum build time is twelve (12) hours. Once the build time is finished, no additional changes or additions can be made to the structure. Teams will have Friday, March 15, from 8AM to 8PM to build.

Types of structural support

Permissible items:

- High-tension rubber bands, nylon string, wire, tie-backs
- Tubes, wooden and threaded rods for alignment
- One-quarter inch thick materials (cardboard, foam core, Masonite, MDF, plywood, plexiglass) for the purpose of leveling materials and not as load bearing

Non-permissible items: As the structure must be structurally self-supporting,

- NO velcro (velcro can damage labels)
 - NO clear or double-faced tape (cannot go on the labels, as it could tear/damage labels)
 - NO 2x4 boards
 - NO leveling boards greater than ¼ inch thick
 - NO sheet metal
 - NO permanent adhesives
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What you must submit

In addition to building your structure, see the timeline on the first page for the dates and deadlines for submitting your structure title and description. For the **February 22** deadline, you must include the following:

- Team name (internal use only – will not be included on the sign)
- Structure title
- Description of structure – Two paragraphs. This is what is provided to the jurors and public as they view each entry. Spellcheck everything.
 - Paragraph One – What is the topic of your structure, include background information that connects your structure to the United Nations SDG(s) you selected. You may include references to information you are citing in this paragraph.
 - Paragraph Two - Spend your time describing your structure and the choices you made in products and labels to articulate your theme.
- Name of your team members – Only include your members that are actively participating, do not list all of the members of your student club, for example.
- Thank you's for any additional supporters (donors, sponsors, etc.)
- Your poster on the provided 36 inch by 36 inch template, that we will print out

You are also required to submit a MS Excel spreadsheet that lists the total number of cans (how many cans of each brand/size), and the total weight of your structure by March 15.

Awards

Penn State Brandywine's Un-Canny Competition is a competitive event. Our ultimate goal is to raise awareness and assist Media Food Bank in addressing local hunger challenges, and having our event as a friendly competition will help us achieve this goal. The award categories for our competition include:

- Structural Ingenuity
- Best Use of Labels
- Jurors' Favorite
- People's Choice (one for student team, one for community team)
- Vairo Library Literacy Award
- *Honorable Mention award(s) will be granted at the discretion of the competition organizers*

The judging will be completed by individuals from the local community for the first three awards. Members of the Penn State Brandywine Campus Advisory Board will select the structure for Honorable Mention, and the Vairo Library will select the winning team for the Literacy Award. The campus and greater community will be able to vote for the two People's Choice award during the display viewing times in person and online.

Voting for the People's Choice Award will be held online 5PM Monday, April 16, to 5PM Wednesday, April 18. Only one vote is allowed per email address. Any suspicious activity in "stuffing the virtual voting box" for a particular structure may result in a particular structure being removed from eligibility for this award. If a Penn State student is identified as playing any role in using false email addresses for voting or

voting for someone without their permission will result in a Judicial Affairs report to the university. Voting details will be released once the voting window approaches.

Awards Ceremony

On Tuesday, March 19 at common hour (12 Noon), the award-winning structures for the Un-Canny Competition will be announced in the Student Union Building. After the awards ceremony, all teams must report to their structures to have photos taken. At least one person from each team must be present for the team photo with their structure and immediate deconstruction.

Public Viewing

All of the structures will be open to the general public to come and view on Saturday, March 16, 9AM to 2PM. All teams are encouraged to have at least one team member present on Saturday to share the story of their structure to visitors. As there is a campus Admissions Program the same day, all tour groups will be coming through to view the Un-Canny structures – this means hundreds of people will be coming through and voting on your creations!

Deconstruction

What goes up must come down. Each team is responsible for taking down their structures and boxing/bagging up the food items for transport to Media Food Bank. Time is set aside for deconstruction is Tuesday, March 19, 1:00PM to 1:30PM, immediately after the awards ceremony. If a team's structure is not broken down by 1:30PM Tuesday, that team risks losing any awards earned during the competition.

Questions?

Please contact us at sustainovation@psu.edu