



National Manufacturing Day 2017  
3D Printing Design Competition

## CONTEST RULES

### Contest Overview

This contest invites students, 13 years of age and older, to submit original designs for useful products that can ordinarily be purchased commercially, but that might be 3D printed at a competitive cost or with improvements to function or value.

### Eligibility

- 13 years of age or older
- Currently enrolled as a full-time student in primary, secondary, or post-secondary education.

### Contest Entry

Contestants must submit their entries through the online entry form. This form is available at <http://tinyurl.com/YSU3DDC>.

Eligible entries must include:

- Name, age, school attended
- Contact information where winners may be notified
- Description of the new product design and design process
- Statement affirming that the entry represents the entrant's original work and giving contest organizers permission to print the parts.
- Documentation of the design (see "Design Documentation" below).

### Design Documentation

Entrants must submit documentation of their designs for judging. Physical printed parts are preferred. However, digital files, photos, or other documentation are also helpful and, if necessary, may be submitted in place of the physical object. Physical parts may be mailed to:

Dr. Darrell Wallace  
Youngstown State University  
One University Plaza  
Youngstown, OH 44555

Submitted parts and designs will not be returned and become the property of the contest organizers. Please be sure to include your name and contact details along with any submitted parts so that the parts may be associated with your online contest entry. Please note, **all submission materials must be received by 5:00 PM EDT on October 2<sup>nd</sup> to be considered**. Electronic submissions of designs and supplemental materials may be completed through the online entry form.

### Judging and Award

- Designs will be judged by a panel of faculty and industry experts.
- Judging criteria will include elements of:
  - Originality – Does this reflect your own original design?
  - Innovation – Does the design use 3D printing to achieve something unique?
  - Value – Does 3D printing of your design offer equal or better value to what you could buy at a store?
- All judging decisions are at the discretion of the judging team and are final.
- Finalists will be invited to participate in the October 6<sup>th</sup> Manufacturing Day events at YSU.
- While participation is strongly encouraged, contestants need not be present to win.
- Winners will be announced on October 6<sup>th</sup> at the Manufacturing Day event at YSU.

For More Information, please visit: <http://tinyurl.com/YSU3DDC>