

BMES Design Challenge

Sponsored by:

Biomedical Engineering Society at the University of Tennessee

Description: This challenge has students design an item that helps improve people's day-to-day lives. Once at our table, students will be given supplies to draw out their device. If needed, we will give them specific problems to solve, but we really want this to be an activity where students can be as creative as they possibly can. The goal is to have this be an individual activity done on the day of, but if students want to collaborate, that is okay as well!

Materials: Students do not need to bring anything, as we will have writing utensils and paper provided for the students.

Scoring: We will be picking the top 3 designs of the day based on the following criteria

- Descriptiveness
 - How thorough is the student on explaining their idea? Have they thought everything through - dimensions, materials, etc?
- Uniqueness
 - How original is their idea? Has it been thought of before?
- Potential Usefulness
 - How impactful would this devise/idea be to the medical field?
- Relating to Biomedical Engineering
 - Is their design related to one of the sectors of BME, or is it more focused on another field of engineering?