**UAB ASME’s 33rd Annual Brent Newman Memorial**

**Egg Drop Contest at the Education and Engineering Complex**

Friday, April 5, 2024

**GENERAL INFORMATION**

1. **When will the event occur?** The event is scheduled for Friday, April 5, 2024. Schools should arrive between 8:30 and 9:10 a.m. Eggs will begin dropping at 9:15 a.m. and will end at approximately 12:15 p.m. This schedule is subject to change due to the number of students registered for the event. Trophies will be given out after the devices have been all dropped and judged.
2. **How many students will participate in the event?** Up to 700 students may participate in this event. Spaces are filled on a first come first serve basis. The deadline for registration is Friday March 1, 2024, in order to allow ample time for group scheduling and ordering t-shirts.

1. **What is expected to occur at the event?** Throughout the day, participants will view their devices and competitors’ devices being dropped from atop the platform of the Engineering Complex, 3 stories in the air (over 55 ft!). Participants will also be given the option to attend physical demonstrations from different engineering departments.
2. **Are the students allowed to work in groups?** Both individual devices and student groups (a maximum of 5 students per group) will be allowed to compete. Schools will be limited to no more than 30 devices.
3. **When are the devices for the competition due?** Students must pre-build their contraption prior to the competition. To facilitate the large number of participants expected on the day of the Egg Drop, devices are required to be completed and dropped off at UAB no later than Friday, March 29, 2024. This is necessary so judging of the devices can be performed April 1-4. The devices will be loaded with the egg on the day of the competition. Devices should be dropped off to the Education & Engineering Complex (1150 10th Ave S, Birmingham, AL 35233) Room #257.
4. **What are the limitations to the egg drop contraption?** The device must meet specific size guidelines depending on the division in which the device is entered:

* Elementary - 2’ cubic area (2’ x 2’ x 2’)
* Middle – 1’ cubic area (1’ x 1’ x 1’)
* High – 8” cubic area (8” x 8” x 8”)

\*No device can weigh more than 1 kg (2.2 lbs.). **Devices weighing more than 1 kg will not be dropped as they present a safety concern to event attendees and volunteers.**

1. **How many chaperones are required?** There should be one chaperone per 20 students