Virtual Broadcom MASTERS/NVSEFair

Visual Aid, Poster, and Video Guidelines - Due on 4/28/21

Upload to www.va-nvse.zfairs.com using the How-To Guide.

Contact cosacad@gmu.edu and info.nvse@pinnacleacademyedu.com for any questions.

This guide describes 4 items we will need from you for project judging and/or public day:

> 1) Visual aid – Used during Project Judging as a reference

> 2) Prop video – OPTIONAL, used during Project Judging as a reference

> 3) Project Video – Used for Public Day, judges will have access to view video before Project Judging.
> Due separate upload instructions will be emailed

> 4) Digital Poster – Used for Public Day, judges will have access to view video before Project Judging.

PROJECT JUDGING

On Saturday May 1st, 21, judging will begin with judges interviewing you about your project. Judges may ask questions about your research, from initial idea to your final results. Prior to your interview, the judges will have read your applications and reviewed your original visual aid, so they are less likely to ask for a full presentation about your research; expect this interview to be different from other science fairs or
other programs.

The judges may be interested in finding out more about your project, in seeking clarification or amplification of your procedures, data or conclusions. Finalists will be asked to prepare and upload in the **3-slide power point presentation** that demonstrates any data, charts, graphics, or visual aids you may wish to reference during the interview. Be aware that this slide deck should focus on your methods and/or results, and **should NOT be a presentation that you expect to deliver**. This will be used as a reference when asked questions by the judge.

PUBLIC DAY (TBD)

The Science & Engineering Project Showcase (Public Day) on ____ will take place from 2-4pm ET via a special online platform, similar to the platform used for virtual Regeneron ISEF and virtual Regeneron STS. Each finalist will have a "booth" in the Finalist Exhibit Hall. Booths will contain your photos, bios, a PDF digital poster, and a video describing your project. During the public hours, you will be asked to have the Accompanying Adult or other adult/guardian log into the system for you, and you will answer live questions from visitors! Each finalist will be assigned a Broadcom MASTERS alumnus moderator to help with managing the virtual audience via a chat. The public will be excited to learn all about your research!

VISUAL AID GUIDELINES – DUE DATE: 4/28
> 1. You may only use up to 3 slides.

2. Use at least 16 pt font – nothing smaller!
3. Please keep them as simple as possible. No transitions or other animations. No special backgrounds or templates.
4. Limit visuals to no more than 2 images per slide. Images can include figures, charts, tables, photos, and/or other graphics you may want to reference that represent your data/findings. 5. Do NOT use paragraphs of text – keep captions/titles short. Use bullets if needed. 6. Please save using the file name LastName.FirstName.

OPTIONAL PROP VIDEO INSTRUCTIONS – DUE DATE: 4/28

If you have a demonstration or a video you would have liked to show the judges in person that shows your props that you submitted in Survey 1, you may upload it to the mega form. We will make this video available with your visual aid during project judging. Please keep this video short, less than 2 minutes. We ask that you keep this simple. Production value does not matter here!

DIGITAL POSTER GUIDELINES – DUE DATE: 4/28

1. Your poster should address each of the sections below in some way (see sample templates):
    a. Introduction/Abstract
    b. Research Question/ Engineering Objective
    c. Hypothesis/Engineering Design Criteria
    d. Methods/Procedure
    e. Analysis/Results
    f. Conclusions
2. Though you may move around/reformat the sections, please use one of the templates provided – all posters must be the same size (scaled to 36 inches tall by 48 inches wide).
3. Try to use no more than 1000 words. Use bullets when needed.
4. No special backgrounds, animations or transitions
5. Use titles and captions appropriately for images/pictures/graphs/etc.
6. Your digital poster must follow the following display rules:
    a. Photographs and/or visual depictions are allowed if**:**
        i. They are not deemed offensive by the Society for Science & the Public
        ii. Credit lines of their origins ("Photograph taken by…"; "image taken from…") are attached. If all photographs are from the same source, one credit line prominently displayed is sufficient.
        iii. They are photographs or visual depictions of the Finalist.
        iv. They are photographs of human participants for which signed consent forms are readily available.
    b. Acknowledgements or thank you's (including naming the research institution and/or mentor with which you were working) should not be displayed on the project board.

PROJECT VIDEO INSTRUCTIONS – DUE DATE: 4/28 (upload separately via iPads)

Record a 3-4 minute video of you explaining your project. Here are a few quick tips for recording your video:

1. Introduce yourself: say your name, where you're from, and your project title.
2. Introduce your topic – think of the big picture.
3. Summarize your research into main points:
   a. Why did you do your project?
   b. What did you do?
   c. What did you find?
   d. Why does it matter?
4. Explain your project as you would to the general public who may not have a scientific or engineering background.
5. You can use any props or visuals you may have.
6. When recording your video, stand in front of a plain background, <u>but please do not use a physical poster board if you made one this year</u>.

This video will be shared with the judges before your project interviews, and will also be posted to your virtual "finalist booth" on Public Day.