

Video Research Presentation Examples

Presenting your work can be intimidating - especially so if you are creating video content about it for the first time. This guide is to assist you in making your video research presentations.

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Section 1. YouTube and >100 MB Videos

If your video file is greater than 100 MB, you will not be able to upload directly to the Student Opportunity Center website, and if you try to upload a video greater than 100 MB you will receive an error message. You will have to upload your video to YouTube, set the video as unlisted, and then provide a link in your transcript. From there your video will be embedded in the page by staff. Please use the resources below if you are unsure how to upload a video or make it unlisted.

- A tutorial on how to upload a video to YouTube:
<https://www.youtube.com/watch?v=w25FNPIInXXQ>
- How to upload from your phone (tutorial starts at 1:00):
<https://www.youtube.com/watch?v=sgs1azO8H-U>
- To make your video unlisted:
<https://support.google.com/youtube/answer/157177?co=GENIE.Platform%3DDesktop&hl=en>

Section 2. General Tips

Audio:

- **Make sure you are speaking clearly and confidently.** Don't speak too slowly, which will make the video drag, or too quickly, which will make you difficult to understand.
- **Try to edit out any long pauses or audible breaths.** You can use free software such as those listed in the general resource sections to do so.
- **Record your audio in a quiet room,** without a lot of echo. You can hang blankets or stack pillows outside of camera view to help prevent echoes.
- **Notice and compensate for things that could affect the audio quality,** such as background noise from home appliances like dishwashers, noise from outside an open window, or from moving items around while you record.
- **Remember you can always do another take;** listen to your recording, note areas of improvement, and record again.
- **Write out everything you are going to say beforehand** and don't try to "wing it"; this will cause stuttering and awkward pauses in your audio as you think of the next thing you want to say.

Video:

- **You will want to something to hold your camera steady when filming**, regardless of your filming device, rather than relying on a person holding the camera. Typically, this would be a tripod or stand of some sort. This doesn't have to be expensive additional equipment; it can be as simple as a stack of sturdy books but will greatly increase the watchability of your content.
- **Make sure to take a few test videos** to ensure that you are getting yourself or your subject in the shot.
- **Consider the lighting when shooting your video**; avoid filming at night or in poorly lit rooms. The best source of light is bright and diffuse, coming from straight at the object to be filmed; direct overhead light can create awkward shadows in place
- **Avoid filming against a completely blank background** as you don't want to look like you are lost in a void.
- As with audio, **you can always record another take** so watch your recording, note areas of improvement, and record again.

Section 3. Video Examples

Cosmic Bullets| Detection of Particles from Outer Space

Zoe de Beurs

<https://www.youtube.com/watch?v=7S2A3mT6xPw&feature=youtu.be>

Things to notice in this example:

- The student uses outside expert footage to help explain their research. There are many sources for free video footage that you can incorporate into your presentation, some of which can be found in the resources section later on in this document. The student has a great speech pace, sounds excited but doesn't speak too quickly or too slowly, and has items of visual interest in frame when she is talking without overshadowing the content she is trying to share.

Engineering Bee Gut Microbes to Affect their Hosts

Stratton Georgoulis

<https://www.youtube.com/watch?v=Ucc1a7AIFcl>

Things to notice in this example:

- Thorough explanation of project, good pacing with speech, good use of outside video to enrich the explanation, and simple animation to explain point. There are several ways to put animation in your presentation, there are some ways listed in the resources in the next section.

Benefits of Iconicity for Comprehension of a Signed Second Language

Emily Saunders

<https://www.youtube.com/watch?v=DRw0yI8U19Q&feature=youtu.be>

Things to notice in this example:

- This is a great example of a very straight forward explanation of student research. The student does a great job explaining their work and its larger impact. Their speech is very well paced, their tone and energy is very engaging, and their background is interesting without being overshadowing. They made a smart choice dubbing over their video, the audio done filming in an outside environment would have been loud and crowded.

Networking Texas

Iman Shah

<https://www.youtube.com/watch?v=tU7qQH6y1Is&feature=youtu.be>

Things to notice in this example:

- This is an example of a student not including footage of themselves within their presentation and has great examples of other ways to visually fill the time and explain their project. Notice that they created several graphic heavy fliers that they put in, and then scanned down to show their information but also include movement. They also used several simple animations that can be done in PowerPoint or other free animation resources, links in the resources section.

Hexavalent Chromate in the Godavari River

Satya Shantimayi

<https://www.youtube.com/watch?v=Or8sYmyz8BA&feature=youtu.be>

Things to notice in this example:

- This student took a creative approach and animated their research by hand, speeding up the video and cutting unnecessarily part like changing to new paper to ensure they stayed in their time limit. This is a very low-tech way to explain the research you are doing in a visual format. Also notice that they included soft background music, royalty free background music can be found in a link in the resources, to cover up any awkward gaps or pauses in their speech.

Studio Brazil – Art and Ore

Julio Roman

<https://www.youtube.com/watch?v=VMY2bDcdKHM&feature=youtu.be>

Things to notice in this example:

- This example highlights how you can incorporate creative works into your video research presentations. The study included several time-lapses of their creative works to fit the time limit of their video, along with background information and what their creative works were related to. They also used music to engage with the audience, and inspire a certain emotional state to go along with their visual art.

Section 4. Transcription and Closed Captioning

A transcript of every video is required, and we highly encourage you to use the transcript to create a captioned video.

Creating the transcript:

If you write a script for your video, that can serve as your transcript. If you veered away from the script, there are a variety of free programs and websites that will convert the audio from your video and create a text transcript

- One of the easiest ways to create an automatic transcription is with Google Docs. You can always play your completed video and have Google “listen” to the video while it plays. Here is a tutorial on using Google Docs to create a transcription:

<https://qz.com/work/1087765/how-to-transcribe-audio-fast-and-for-free-using-google-docs-voice-typing/>

Captions:

If you would like to create a video with captions, there are many programs online and through download that could work,

- Online
 - [Amara.org](https://www.amara.org/)
 - [DotSub.com](https://www.dotsub.com/)
 - [Subtitle Horse](https://www.subtitlehorse.com/)
- Download
 - [Aegisubs](https://www.egisubs.com/)
 - [VisualSubSync](https://www.visualsubsync.com/)
 - [Jubler](https://www.jubler.com/)
 - [DivXLand](https://www.divxland.com/)
 - [AHD Subtitles Maker](https://www.ahdsubtitles.com/)

Section 5. Additional Resources

- The YouTube Creator Academy has a lot of pages with great content to help first time video editors, including tutorials on editing video and audio:
<https://creatoracademy.youtube.com/page/lesson/editing>
- Here is a YouTube video that shows how to edit video on an iPhone, if you don't access to a computer or video editing software on a computer:
https://www.youtube.com/watch?time_continue=8&v=rcn27A5mZvw&feature=emb_title
- You can also edit and publish directly through YouTube (tutorial in the first link), and put your video on private or unlisted so that it isn't searchable, tutorial here:
<https://support.google.com/youtube/answer/157177?co=GENIE.Platform%3DDesktop&hl=en>
- YouTube also has a library of royalty-free music that you can use for your video, which you can find here: <https://www.youtube.com/audiolibrary/music?nv=1>
- Royalty-free and public domain audio can also be found through means other than YouTube including through the Free Music Archive, found in the following link:
<https://freemusicarchive.org/>
- The Harvard Library has a great resource page for video and audio in the public domain that can be used for student presentations here:
<https://guides.library.harvard.edu/c.php?g=310751&p=2072820>
- Wikipedia also has a great list for free video and audio resources for students to include in their presentations here:
https://commons.wikimedia.org/wiki/Commons:Free_media_resources/Video
- If you are interested in using a free software to animate your videos, one can be found in the following link. Please note that it will watermark your video with the animation software's branding: <https://www.animaker.com/>
- YouTube has several tutorials regarding animating a video in PowerPoint, including the following video for beginners here: https://www.youtube.com/watch?v=kw_udjD2xwo
- This link leads to a tutorial on how to make your PowerPoint into a recorded video

