Getting the most out of videos
Animations to understand molecular level
Videos to convey content

MAKING YOUR OWN VIDEOS

• Specific to your equipment or your method of teaching a topic

USING AVAILABLE VIDEOS

• Often has better production quality
• Less time intensive
Things to consider

How much time do you want to put into production quality?

How do you want to share your video content? Youtube channel, etc?

Who can best help you with the videos (Tech Fellows Grant)?
Videos as student projects

- Allow students to delve into a single topic and show their understanding outside of a testing environment
- Allow students to use their other amazing creative talents

(Videos are just one of many options)
to look GOOD in the lab.
Carbonic Acid – Bicarbonate Buffer System
Lessons Learned

- Make it clear that I am looking for the chemistry content not just chemistry words.

- Students choose between making their videos listed or unlisted... I will post listed videos in future semester

- Limitations:
  - Different group members contribute differently to the project
  - Not as objective of a grade as students are expecting in a science class
Links

https://www.youtube.com/watch?v=enFFIK2Mhzw
https://www.youtube.com/watch?v=r6UAEbhRXNI
https://www.youtube.com/watch?v=9GiLjH9Oym8
https://www.youtube.com/channel/UChe80qt0srxrbHi0C4vdLLg
http://yesyouchem.johnshopkins.edu/