

CHEMTALK 2017

The Assignment: Deliver a 6-8 minute TED Talk-inspired presentation to the class on (1) an application of **chemistry** that interests you, or, (2) a scientist from any era who made a significant advancement in our understanding of the world through **chemistry**.

The Point: To gain greater expertise in an area of **chemistry** that you find interesting and to share it with the class in such a way that it makes for an educational, entertaining story.

The Due Dates:

- ✓ Topics (digital submission to shared Google doc.): on or BEFORE Wednesday, January 4, 2017 for B period folks; on or BEFORE Thursday, January 5, 2017 for F period folks
- ✓ VoiceThread Outline Slides (digital submission to created group CHEMTALKx2017): on or BEFORE Monday, January 30, 2017
- ✓ PowerPoint Slides (digital submission via email attachment to teacher): on or BEFORE Tuesday, February 14, 2017
- ✓ Presentation: Wednesday, February 22, Thursday, February 23 and Friday, February 24, 2017
- ✓ Peer and Self Observations: on or BEFORE Monday, February 27, 2017 for B period folks; on or BEFORE Tuesday, February 28, 2017 for F period folks

The Details:

- **The subject of your CHEMTALK CAN NOT be any of the molecules that were presented for the molecule projects.** (Please see the list of BANNED substances.)
- **Examples of chemical applications** include food, material science, medicine, biology, forensic science, technology, environmental science, nanotechnology, etc. See **acs.org**, the following pages from your textbook (p.23, 59, 91, 125, 163, 195, 229, 271, 309, 355, 389, 431, 465, 505, 549, 583, 623, 669, 697, 733, 775, 815, 849, 891, 905, 908-909, 912-913, 914-915, 918-921, 924-925, 928-931, 934-935, 938-939, 942-943, 945) and **Mrs. Winslow's LibGuide** for more examples.
- **Examples of chemists** can be found on Purdue University's website at <http://chemed.chem.purdue.edu/genchem/history/index.html>
- There will be no Q&A component to the talk. **Plan on presenting for the entire 6-8 minutes.**
- In addition to the content and delivery of your talk, you will be graded on the quality of your two **peer critiques** and your own **self critique** (see rubrics attached).
- Be sure that you have pre-arranged for one of your classmates to video record your CHEMTALK on your own cell phone. Make sure that your cell phone is not low on battery.
- The content of your talk must be **IN YOUR OWN WORDS, WRITTEN AND EDITED BY YOU AND YOU ALONE**. There shouldn't be anything in your presentation that you don't understand! ***Any hint of plagiarism of any kind will immediately result in a ZERO mark on this project and the dean of students will be immediately notified of your transgression.***
- Bibliography – for any website, paper materials, images used for this research. This should be shown clearly as the last slide of your digital presentation in the proper format described in Mrs. Winslow's LibGuide.
- **Your CHEMTALK must be accompanied by a digital presentation and your digital slides should serve solely as an accessory to your presentation - you should be the expert on the topic, not the slides!** (Please see http://www.ted.com/talks/melissa_marshall_talk_nerdy_to_me) ***Also read the further instructions provided by Mrs. Holmgren on creating an effective digital presentation.***

Keys to a Successful CHEMTALK2017:

That your talk demonstrates your *DEEP* understanding of the topic you've chosen.

That your introduction makes it clear what you will be presenting on, *WHY* you have chosen this topic and *WHY* it should be of interest to us.

That your talk has a clear beginning, middle, and end, and acknowledgement of your audience's listening.

That your talk is accurate, engaging and free of technical jargon.

That your delivery flows from idea to idea and that there is no technical glitches during the entire duration of your digital presentation (including the set-up).

That your delivery is clear and that you maintain good eye contact with all of your audience.

That your peer and self observations are thoughtful, constructive, legible and well-written.

How much does this count? Equivalent to 50 test points.