

Report 3 Guidelines for Oral Portion Project 2
Experimental Chemistry I, CH 362 & 362H
Winter 2021 March 11-12

You will present a short, 5-minute oral report on your structure determination studies for your unknown on Thursday, March 12 or Friday, March 13. This will not be an exhaustive catalog of every piece of data in your spectra (you will write a more extensive written report); rather, it will be a synopsis of the elements of the data that were necessary to arrive at an unambiguous assignment.

For most students, the oral report will answer the following questions:

1. How did you determine what substituents you had?
2. What data were critical to determine whether the substituents were ortho or para?
3. Was the data unambiguous, or did you have to use chemical shift prediction?
4. What (unobserved) data would the other regioisomer have generated?

In order to facilitate the 25-30 students in each section, it will be best to email Dr. Gable (Thursday morning section), Dr. Liyanage (Thursday afternoon section) or Dr. Sleszynski (Friday afternoon section) a copy of your presentation materials—PowerPoint or PDF—at least an hour ahead of your presentation. We will load these collectively on the classroom presentation computer.

We will hold you to the 5-minute limit, so practice! We will also try to allow a minute or so for questions from the audience.