



**Chemistry Graduate Program
Research Seminar Presentation
Instructions for the Manuscript and Presentation
Chemistry 8901-8902**

Students will present a research seminar where they will offer a perspective on the current state of the research field in which they are doing their thesis project and will highlight the contributions that they are making in the field. This seminar will be presented in the graduate seminar series. An accompanying manuscript will be prepared as a perspective review.

Before beginning:

Keep in mind that your perspective review is not meant to be comprehensive but to focus on a specific set of recent published **research** papers (a suggested minimum of three papers). You should highlight the major advances in the field established by this collective work.

Seminar Manuscript Instructions

1. The length of the report should be between double-spaced, 12 pages of text without the references. Please use Times New Roman, 12-point font and include only the most important figures in the text. If you wish to use figures from articles, use the high-resolution HTML versions of the figures and do not copy/paste directly from an article. It is highly recommended to prepare your own figures.
2. The manuscript should be organized in the fashion of a Perspective report: Title, Abstract, Introduction, Review Topics, Discussion, Conclusion and Reflections on Future Directions, and References. Please refer to the journal Journal of the American Chemical Society (J. Am. Chem. Soc.) for several examples.
3. The reference list should be extensive, up to date, and formatted in the style of the journal J. Am. Chem. Soc.
4. The abstract should not be a summary of a review article but rather your own perspective and analysis of the subject matter you are discussing.
5. Before preparing your written report and seminar, you must prepare an abstract to be approved by your thesis committee.
6. The completed report must be submitted to your committee and the rest of the faculty two weeks prior to your presentation.

Seminar Presentation Instructions

1. Consider the seminar as a talk that is supposed to present the most important findings of a current topic.
2. The seminar is not an extended group meeting. It is meant to educate the audience on the topic and should feature sufficient background material to orient the audience on the subject matter.
3. The length of the presentation should be 45 minutes. Use your slides in a one minute per slide rule with just a few exceptions. If you wish to use figures from articles, use the high-resolution HTML versions of the figures and do not copy/paste directly from an article. It is highly recommended to prepare your own figures.
4. It should keep the regular pattern of a presentation: Title, Overview, Introduction, Discussion, Conclusion and Reflections on Future Directions, and Acknowledgements.
5. Use references within each slide.
6. Prepare additional slides to explain difficult concepts. These additional slides will come in handy during the question session.
7. Your presentation will be evaluated by your committee members. However, in the absence of several of your committee members, other faculty will be appointed to evaluate your work. It is of utmost importance to make sure that all of your committee members will be able to attend.