

Harold W. Dodgen Outstanding Graduate Seminar Award* **Glen Crosby Outstanding Graduate Seminar Award****

Eligibility for the awards:

The speaker must be a graduate student pursuing the PhD or MS degree in Physical Chemistry and Materials Chemistry at Washington State University. Speaker must have delivered a seminar in the Chem 593 forum during the academic year of the award.

Award Guidelines:

Seminar chair will rank the performance of all student speakers based on the scores from their evaluation forms. Three or more top speakers will be nominated for the awards. Two finalists will be selected and presented with awards annually.

**This award is named in honor of Harold W. Dodgen (emeritus professor of Chemistry at Washington State University). Professor Dodgen was one of the founders of the Chemical Physics Program at WSU in the early 1960's and an inspiring teacher/researcher in Physical Chemistry. Chemical Physics at WSU continues as one of three legs supporting the current Materials Science Program.*

***This award is named in honor of Glen Crosby (emeritus professor of Chemistry and Materials Program at Washington State University). Professor Crosby was one of the founders of the interdisciplinary Materials Science Program at Washington State University and served as the Program's first chair. He is well known and respected both nationally and internationally for his significant contributions to research and teaching and has been honored with numerous awards.*

It is a pleasure for current members of the Program to honor Professors Dodgen and Crosby for their formative influence on materials research at WSU.

Chem 593

Spring 2015

ADVICE TO SEMINAR SPEAKERS

40 min talks discuss topics in depth. First year students will give 20 min talks during their second semester. Be sure to give a clear and comprehensive introduction – most of us are not experts in your field.

Focus and development: Your presentation should have a clear central idea. The central idea should be accurately and logically developed. Expose the reasoning leading to conclusions. Include error analysis where appropriate.

Organization: The idea should be clearly presented. Make every effort to help your audience follow the logic (One technique is to follow an outline format.)

Mechanics: Conform to accepted standards of grammar, audibility and legibility. Enunciate clearly. Your audience needs to hear you, understand what you say, and read your slides. Do not put more on a slide than can be read in the time allotted, and don't print too small for viewers at the rear of the room.

Diction: Good communication requires effective use of language. Choose the right words, and make coherent sentences. Likewise, numerical values should include appropriate units, and equations should use customary symbols.

Authorship: Adopt a stance, which is clear, consistent, and appropriate to your listeners. Treat the listeners respectfully; they are your peers. Be receptive to questions; try to anticipate questions and be prepared to answer them.

Scholarship: Give credit to the original authors of ideas you present. Help your listeners by citing appropriate reference that establish the background of your subject; this will allow the audience to quickly find sources they want to read.

EVALUATION FORM FOR CHEM 593

SPEAKER'S NAME: _____ **DATE:** _____

Evaluator's Name (optional): _____

	<u>POOR</u>			<u>EXCELLENT</u>	
CONTENT					
Motivation/relevance of study clear?	1	2	3	4	5
Adequate introduction?	1	2	3	4	5
Explanation of expt'l/theor. procedure?	1	2	3	4	5
Conclusions followed from results?	1	2	3	4	5
Appropriate referencing?	1	2	3	4	5
Sufficient depth of coverage?	1	2	3	4	5
Seminar generally well organized?	1	2	3	4	5
DELIVERY					
Audible?	1	2	3	4	5
Understandable (pace & choice of words)?	1	2	3	4	5
Kept within time (not too short or long)?	1	2	3	4	5
Answered questions well?	1	2	3	4	5
MEDIA					
Legible, effective slides?	1	2	3	4	5
Clear diagrams/tables?	1	2	3	4	5

ADDITIONAL COMMENTS (please tell the speaker how their presentation could be improved):

WASHINGTON STATE UNIVERSITY

PHYSICAL CHEMISTRY

SEMINAR PROGRAM

Organizational Meeting and Announcements
(U. Mazur, Seminar Chair, 335-5822 umazur@wsu.edu)

4:10 pm, Friday January 15, 2015
Fulmer 150

Objectives:

- Enrolled graduate students give talks as part of their training; they receive credit for Chem 593.
- Evaluation forms are available to help give feedback to speakers.
- Advice for preparing student presentations.
- Invited faculty and postdocs also give talks.

Organization:

- Seminar schedules, open dates -- reserve your date early.
- Technical Support and Refreshments.

Awards Announcement:

- Harold Dodgen Outstanding Graduate Seminar Award
- Glen Crosby Outstanding Graduate Seminar Award

MEMORANDUM

TO: Physical Chemistry and Materials Chemistry Students, Postdocs, Faculty, and Friends

FROM: U. Mazur, Seminar Chair

REFERENCE: Chem 593

DATE: January 15, 2015

As chair of Chem 593, I am inviting **all of you** to our Friday's seminars (Fulmer 150 at 4:10 pm). We need everyone to attend these presentations. They are a terrific learning experience for our students -- **the best** opportunity to prepare for prelims and future job interviews. It is our job as faculty and as colleagues to make this seminar class a positive and productive activity for the speakers.

Every physical chemistry and materials chemistry graduate student is required to attend Chem 593. PhD students must include a total of 6 instances of Chem 593 on their Program of Study (at least 3 for MS students). In the general case, this implies registering for credit 4 times up through the semester of the Preliminary Exam and then two additional times after that. Senior graduate students, postdocs, and faculty will give 40 min talks. First year students will present 20 min talks in their second semester.

I would like to remind the graduate students that **Chem 593 is a graded course and you need to attend it**. Just because some of you have already given your presentation does not mean that you are excused from attending the talks given by your colleagues. Those of you who have already passed prelims you should be here too -- to provide an example and moral support for your group members. (You can also show off how much science you have learned!)

Undergraduate students -- we welcome and strongly encourage you to attend this seminar. All you need to do is sit back, relax, and enjoy the presentations. Oh, and don't be shy about asking questions. You'll learn what's new and exciting in science, find out what the research groups in the different departments are working on, and observe first hand what makes a good (and sometimes bad) seminar.

Faculty, please take on the responsibility of attending these interdisciplinary seminar series. Let's demonstrate to our students that we care and are interested in their efforts to learn. Let's help make Chem 593 good experience for all of us.

Chem 593

Spring 2015

TIME: Fridays at 4:10 p.m.
LOCATION: Fulmer 150
SEMINAR CHAIR: U. Mazur (umazur@wsu.edu, 335-5822, Fulmer N116a)

COURSE LOGISTICS

- Seminars are presented by graduate students, postdocs, and faculty in Physical and Materials Chemistry.
- Presentations given by graduate students are a part of their training; they receive credit for either Chem 593 (written evaluations provide feedback to speakers; advice for preparing student presentations is available).
- PhD and Masters students give 40 min. seminars (see note).
- Invited postdocs and faculty give 40 min. research seminars. They are not given advice, or formal evaluations. They fend for themselves.
- 1st year students need not give presentation during the first semester of enrollment but must attend the seminars. Second semester 1st year students give 20 min talks.
- Students must have their topics approved by the Seminar Chair before they begin preparation. Student speakers are responsible for preparing their seminars. They may seek advice of the Seminar Chair and their thesis advisor. Students should practice their talks with their individual research groups.
- Seminar title and abstract must be submitted to the seminar chair at least 5 days prior to the presentation.
- Abstracts of all talks are advertised in the department.
- When departmental seminars are scheduled during the Friday 4 pm time slot, they take precedence over Chem 593 seminars.
- Each graduate student speaker is eligible for one of the following awards: Harold Dodgen Outstanding Graduate Seminar Award and Glen Crosby Outstanding Graduate Seminar Award.

Attendance is required to receive a grade and pass this class. If for any reason you will not be able to attend, you must notify the chair in advance.

NOTE: Every physical chemistry and materials chemistry graduate student is required to attend Chem 593. PhD students must include a total of 6 instances of Chem 593 on their Program of Study (at least 3 for MS students). In the general case, this implies registering for credit 4 times up through the semester of the Preliminary Exam and then two additional times after that.