CHEM 6210 – ANALYTICAL DIVISION SEMINAR

Analytical Division seminars will be held on Fridays, starting at 1:30 PM, in SLSRC - 2430. The tentative spring 2013 schedule is:

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<tr>
<th>Date</th>
<th>Presenter</th>
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<tr>
<td>Feb 1</td>
<td>Caleb Cain</td>
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<tr>
<td>Feb 8</td>
<td>Apeng Chen</td>
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<tr>
<td>Feb 15</td>
<td>Kyle Lynch</td>
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<td>Mar 1</td>
<td>Jeremy Motley</td>
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According to our Ph.D. Program Guidelines for the Analytical Division (Spring 2009 Revision):

**Seminar Requirement:** Continuous enrollment in CHEM 6210 during every regular semester.

In the first year, the student will present a ~45-minute seminar on an assigned topic. A 1-2 page abstract with references should be distributed to all division members one week before the seminar. In the second year the student must present a seminar on a topic of their choice. The topic must be approved by the faculty member in charge. The student will thoroughly review the literature, prepare a 5-15 page typewritten report including appropriate references, and present a seminar on the subject. The written report should be distributed to all members of the division and of the student's Ph. D. Advisory Committee at least one week before the seminar. In both the written report and the seminar, the student must demonstrate the ability to identify the significant problems and results within the area. In the beginning of the third year, the student will present a seminar based on their research project. The seminar should include the background material, results, and plans for future studies. An extended abstract, 5-15 pages in length, with appropriate references should be prepared and distributed to all members of the division at least one week before the seminar. For the fourth year and beyond, the student must present a seminar on their research or on a faculty-approved topic, typically related to the student's research project. A 1-3 page abstract with references should be distributed one week before the seminar.

**NOTES:**

Students engaging in academic misconduct (including cheating, plagiarism, and any other action that may improperly affect evaluation) will be subject to sanctions in accordance with the Norman Campus Academic Misconduct Code.

The written abstracts (*typically 1-10 pages depending on assignment and status of student in the program*) for all CHEM 6210 presentations will be passed out to all instructors and student participants one week prior to the date of the oral presentation of individual topics. Both the written abstract and the oral presentations will count toward the total grade for an assignment.

In addition to the reviews (and/or lead papers) you will inevitably use for your abstract, you should actively employ (i.e., read, understand, and summarize) approximately 25-50 (or, in some cases, even more) original research publications for most of the abstracts. Your abstract should be current through all of the most recent publications, including references from the current year. Each reference, including reviews, books, etc., used in the preparation of your written paper must be included in your list of references at the end of the report. Further, all appropriate material appearing in the text must have appropriate reference annotation — anything less will be considered plagiarism. In particular, this means that any material(s) (i.e., paragraphs, sentences, phrases, ideas, concepts, figures, tables) which is/are, for the most part, directly taken from a particular reference should be appropriately annotated (reference number and/or authors/dates listed according to referencing method being employed and the complete reference citation given in the “References” and/or “Literature Cited” section at the end of the paper). Further, these same material(s) (i.e., paragraphs, sentences, phrases, ideas, concepts, figures, tables) which is/are, for the most part, directly taken from a particular reference should be placed in quotes and/or indented. Likewise, you should be sure to properly reference material that was only viewed through a secondary source. If, e.g., you only saw a summary of an original article in Chemical Abstracts but were unable to actually view the original document itself. Your reference should contain references to both the Chem. Abstr. article and the original publication.

If there is ANY doubt whatsoever concerning how/if you should reference material(s) and/or any concern about possible interpretations of the proper method(s) for doing so, you are advised to consult with the instructor in
charge of the course. Such consultation, of course, should occur well in advance of the due date for the project of concern.

Plagiarism Definition and Examples

Plagiarism is fundamentally an act of dishonesty in which one claims the work of another to be their own. If this has occurred in the judgment of the evaluator, s/he has no moral option but to charge the student with plagiarism. At the University of Oklahoma, the Student Code of Academic Misconduct further states that any act of academic misconduct MUST be reported along with the recommended grade sanction within 15 days of the discovery.

Case I. We all readily recognize blatant plagiarism. Examples of this are provided by Carol Cole (“Say It Ain’t So, Gary, Say It Ain’t So”, Oklahoma Gazette, Dec. 27, 2001, pp. 15) in which she accuses Gary England, KWTV Meteorologist, of plagiarism in connection with his column written for the Oklahoman. Two examples of this are provided below. In both cases the first cited passage is taken from the Oklahoman article written by Mr. England, while the subsequent passage is taken from a web site.

A “Mars is strangely reminiscent of our own world. Although having an extremely thin carbon-dioxide atmosphere and a very dry and cold surface – daytime temperatures average about 58 degrees below zero – features resembling ancient river beds tell of more hospitable times …” (Daily Oklahoman, Dec. 10, 2001)

B. “Mars is strangely reminiscent of our own world. Although having an extremely thin carbon-dioxide atmosphere, and a very dry and cold surface (daytime temperatures average around –50 degrees C), features resembling ancient river beds tell of more hospitable times…” (Science Net observed on/about 12/27/01 at www.sciencenet.org.uk)

A. “The sun normally shows signs of variability, such as its 11-year sunspot cycle. Within that time, it goes from a minimum to a maximum period of activity represented by a peak in sunspots and flare activity …” (Daily Oklahoman, Dec. 14, 2001)

B. “The sun normally shows signs of variability, such as its 11-year sunspot cycle. Within that time, it goes from a minimum to a maximum period of activity represented by a peak in sunspots and flare activity….” (Space Daily observed on/about 12/27/01 at www.spacedaily.com)

Case II. Plagiarism also occurs when one paraphrases but maintains much of the original article. The following example is a clear cut case of plagiarism. This was reported in Newsweek in the March 18, 2002 edition. No author was cited for the article. In the article, a passage from William L. Shirer's book The Rise and Fall of the Third Reich is given as:

"And so at noon on September 19 the British and French ministers in Prague jointly presented the Anglo-French proposals to the Czech's government. They were rejected the next day in a dignified note which explained – prophetically – that to accept them would put Czechoslovakia "sooner or later under the complete domination of Germany." After reminding France of her treaty obligations…"

This is followed by a passage from the later appearing book (1987) written by Doris Kearns Goodwin entitled The Fitzgeralds and Kennedys. [This is somewhat more disconcerting since Ms. Goodwin later (1994) won a Pulitzer Prize for work entitled "No Ordinary Time".] The second passage reads:

"The following day the Anglo-French proposals were presented to the Czech government, which immediately rejected them with a dignified and prophetic note saying that to accept them would put Czechoslovakia "sooner or later under the complete domination of Germany.: But the British and French were in no mood to allow the Czechs…"