Lab 5: Tell Us About It

Due date: May 31.

About the Lab

This is a non-programming assignment. The goal of this assignment is for you to document your experiences in the class and to put together, with the help of your **CHEM 441** partners a poster describing the work performed during the course, and your contribution to it.

Lab Assignment

Each team shall prepare one poster describing the **CHEM 441** project, the software developed in fulfillment of the project, and the ways in which the software was used.

The poster needs to be prepared in consultation with your **CHEM 441** partners (see below). The posters shall be demonstrated at the CENG Poster Fair that will take place on **Thursday, May 31, 4pm - 7pm** on the second floor of the Bonderson building. Each team is responsible for being present for at least the first two hours of the poster presentation. While the presence of all members of the team is not required, *at least one person* shall be present at the poster at all times. If all team members have scheduling conflicts for the *4-6pm* time slot, please talk to me ahead of time.

Poster Instructions

Your poster needs to include the following information:

- **Front matter.** Course name, name of the project, names of all **CSC 448** and **CSC 441** team participants, team name (if you have one).

- **Course info.** A short description of the nature of the course, in particular, the explanation of how the course lab assignments were structured. (For the record, Dr. Goodman and I refer to this method of teaching classes as *teaching in-concert*).
- **CHEM 441 project.** A description of the **CHEM 441** project in which you provided assistance. This part of the poster should be discussed with **CHEM 441** members of your team. Please note, that **CHEM 441** students have, as one of their final deliverables, a short presentation that you will be asked to assist them with. In exchange, you can use the slides from the **CHEM 441** presentation of your group (verbatim, or edited to your taste) as part of your poster. The information provided on the poster should describe the nature of the overall project, and the steps **CHEM 441** students took to complete it (essentially, how it was broken down on the **CHEM 441** side into subtasks).
- **Your contributions.** A description of your contributions to the **CHEM 441** project. Essentially, for each task identified by you (see above), provide a brief description of the software tool/tools that your team has built. You can provide some sample input and output of your tools and/or screenshots (if your tools have UI) that illustrate the work of your software. (Essentially, describe what you have built in response to the lab assignments). Indicate which parts were completed, and which parts were left unfinished (if any).
- **Reflections.** Part of your poster needs to describe the personal/team experiences of the **CSC 448** part of each team. Reflections can come in a number of ways. What have you learned? What positive experiences you gained? What negative experiences you gained? What have you learned about working in interdisciplinary teams? How can we make the **in-concert experience in CSC 448/CHEM 441 better**? Some brief notes on these and related matters shall conclude your poster.

Poster Format

There are two ways to construct a poster. The expensive way is to build one large "slide" that contains all the material for your poster. Such a slide can be printed on a large printer (e.g., at the printing services desk at the Kennedy library). This method, however, is expensive, and as I cannot compensate the $20-50$ cost of preparing a poster this way, I discourage it.

The second way to create a poster, is to develop a series of regular letter-size slides, which can be printed either in color or in black-and-white on a regular printer. The "loose leaf" slides are then arranged on a regular poster board, and affixed to it. I recommend counting on about 16 letter-sized slides to cover the posterboard (in a 4x4 fashion). Fewer number of slides is admissible. Larger number is probably not a good idea.

The two things required for this type of poster are:

- *Printer access.* If you have a printer at home (color or b/w), you can use it. If none of you have access to a printer, please contact me. If the slides are provided to me in advance (i.e., on Wednesday, May 30), I will be able to print them in color.
- *Poster board.* Poster boards are relatively inexpensive, so I suggest that each team simply purchases a poster board at an office supplies store. I may need to collect your posters after the poster session in order to assign the grades, but each team can reclaim the posterboard from me during the finals week.

Submission Instructions

You have two deliverables for this lab.

1. On **May 31, 4-6pm** you will present your poster at the CENG poster session. During this time, I will be attending the poster session. I will speak to each team present and evaluate each team's poster according to its conformance to specifications described above. Depending on whether or not I am successful in assigning the actual numeric grade for the poster at the Poster Fair, I may choose to collect all your posters so that I could complete the grading process (as mentioned above, the posters can be reclaimed by you during the finals week).
2. By **Friday, May 1**, you will submit the electronic copy of your poster (preferably in PDF format, although Powerpoint 2000 and OpenOffice formats will also be accepted) using `handin`:

```
$handin dekhtyar 448-poster <file>
```

Good luck!