

CHM 234: week of April 23-27

This week is made up of two activities. (1) You will spend a one-hour session in the X-ray lab, where you will see the diffractometer, become acquainted with crystals and crystallographic software, and meet the departmental crystallographer, Bill Brennessel. (2) You will have the opportunity to hear about different projects representative of current inorganic chemistry research in the Chemistry Department. I will also be handing back Lab Report 3 to students this week.

You should arrive at room 118 Hutchison at 2 PM on your regularly assigned lab days. During one of them, you will have a mandatory session in the X-ray lab (B51 Hutchison; meet in 118 first to find the rest of your group, and be certain to show up promptly!):

Monday

2:00-3:00 section 1 (Glowacki, Kellenberger, Khan, Chester)

Tuesday

2:00-3:00 section 2 (Lotito, Stacey, Lyons, Hwang – thanks for switching!)

3:15-4:15 section 2 (Peña, Chu, Wang)

Wednesday

2:00-3:00 section 2 (Furstoss, Martin, Chiu, Daly)

3:15-4:15 section 2 (Klucka, Levin, Holmes, Mack)

Thursday

2:00-3:00 section 1 (Murphy, Zbesko, Badger, Wu)

3:15-4:15 section 1 (George, Kieliszak, Cassuto, Silveira)

In the remainder of the time, you will have opportunities to hear the following Chemistry graduate students/postdocs speak about their research:

Monday and Tuesday

2:30-3:00 pm Sally Rocks (Holland Group), **Fe** in Enzymes for Biodegradation of PCBs

3:15-3:45 pm Ryan Rieth (Jones Group), Organometallic Chemistry with Tp-**Rh** Complexes

Wednesday and Thursday

2:30-3:00 pm Paul Jarosz (Eisenberg Group), Solar Hydrogen Production using **Pt**

3:15-3:45 pm Ben Dible (Holland Group), Design & Synthesis of Chelating Ligands for **Fe**

Your attendance at these research talks is optional, but it will help you to see the use of the concepts from the class, and it will be exciting to find out about the cutting-edge chemistry underway at Rochester. If your X-ray session causes you to miss a research talk that you wanted to hear, you may come to HH 118 on another day to hear that chemist present their work. The TA's and Prof. Holland will be in room 118 starting at 2:00 pm, and in the time before the talks start, you can ask us questions about the lab, the problem set, etc.

You must come to lab on Monday Apr. 30 or Tuesday May 1 to check out of your lab bench. All of your glassware must be clean and accounted for. Your signout form must be signed by a TA before you can receive your final grade for the course.

On May 2, the X-ray Problem Set and Lab Report 4 are due to Prof. Holland's office. Grading will be complete around May 14, and you can pick up your lab reports and final grades from Prof. Holland at that time.