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This week I had done many different experiments on phenols to find the right parameters to use before the actual experiment begins. The first parameter that was tested was the solution for phenol. Different methods including CV, SWV, and DPV were all used that also varied in parameters were also tested for the four different solutions that were used. The solutions consisted of 2-propanol and a buffer solution with acetic acid and sodium acetate. We then made solutions with 0%,25%,50%, and 75% 2-propanol, with the rest being buffer solution. We had also made tests with 100% 2-propanol, but the results were unsatisfactory, so we had decided not to use that solution for further testing. The different parameters in CV, DPV, and SWV were typically scan rate, frequency, or amplitude.

Besides the data collection, there had also been a few lectures on data and the ethics of science. More specifically the first lecture consisted of finding good data and being able to be understood while presenting data. To make data clear for others to use is an important aspect in the scientific community. The lecture also touched upon how to organize and save data for later use without becoming overwhelmed. The organizational part of saving data includes making sub folders that are clear and concise. The second lecture touched upon the ethics in the scientific community. The main message to confront problems or dilemmas with ethics in the scientific community is to be as transparent as possible.